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*Illustrated Catalogue*

ESTABLISHED 1835.

**R. B. DUNNING & CO.**  
BANGOR, ME.

1905.

**SEEDS,**

**AGRICULTURAL  
IMPLEMENTS,**

**DAIRY SUPPLIES,**

**WOODEN WARE.**





Established  
1835.

**R. B. Dunning & Co.,**

Incorporated  
1897.

BANGOR, MAINE.

# Annual Catalogue

## 1905.

We take pleasure in presenting to our patrons and friends our catalogue for 1905.

We offer our seeds with the full assurance that they are true and reliable, quality being always our first consideration, but at the same time we wish it particularly understood that we do not warrant them, for the ultimate success of a crop is dependent on so many contingencies that we cannot hold ourselves liable or responsible for failure. If the purchaser does not accept the seeds on these conditions they must be returned at once.

*In ordering goods* please give your *Name, Post Office* and *State* in full, being particular to *write your name very distinctly*.

*Remittances* can be made by Post Office Money Orders, Bank Drafts, Express Orders or cash sent in registered letter.

*Orders from unknown correspondents* must be accompanied by a remittance or a satisfactory reference.

*When ordering seeds by Mail*, postage must always be added at the rate of *eight cents per pound*, in quantities of one-fourth pound and upwards. Seeds by packet and ounce will be mailed without extra charge.

In shipping we make no charge for delivery to railroads or express companies.

We are thankful for the generous patronage heretofore given, and intend to continue to merit the same by exercising the utmost care and fidelity in promoting the interests of our customers.

R. B. DUNNING & CO.

### LIBERAL REDUCTION TO CLUBS.

Liberal reductions will be made to persons selecting packet seeds from our Catalogue, at the prices named, and will be forwarded, postage free, to any part of the United States.

Purchasers remitting \$1.00 may select seeds in packets, at Catalogue prices amounting to \$1.25

"	"	2.00	"	"	"	"	"	"	2.50
"	"	3.00	"	"	"	"	"	"	4.00
"	"	4.00	"	"	"	"	"	"	5.50
"	"	5.00	"	"	"	"	"	"	7.00

This reduction is for *packet seeds only*. Seeds when ordered by the *ounce, pound or quart* will not be included.



# Novelties and Specialties for 1905

## Early Pearl Oats.

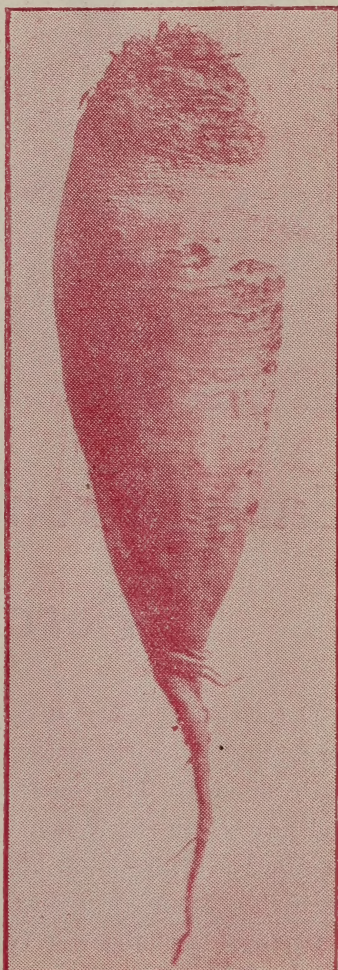


Sheaf of Early Pearl Oats cut from a field  
that yielded 106 bu. per acre.

This is a grand good oat, the result of years of careful growth and selection. In appearance they are white, medium length and very full meated.

Heads are large and straw stout, not inclined to lodge, and are free from rust and smut.

Price: Postpaid, lb., 20c.; 3 lbs., 50c. By Express or Freight, pk., 35c.; bu., \$1.00; 10 bu. lots, 90c per bu. In lots of one bushel or over, there will be a charge of 15 cts. for bags; bags capable of holding 2½ bushels.



## Giant Feeding

## Sugar Beet.

A cross of the Mammoth Red Mangel and Improved Sugar Beet. Roots large, long and smooth, and of a beautiful light rose tint. Yields nearly as large a crop as the Mangels, and supplies a food of very much higher nutritive value. The roots grow partly out of the ground and can be harvested very easily.

Per pkt., 5c. Per oz., 10c. Per ¼ lb., 15c.  
Per lb., 50c.



## Perfection Early Blood Turnip Beet.



This beet we are putting on the market for the first time this season after a number of years of careful selection.

Last year we tried it along with five of the standard and most popular early varieties of table beets and found it far superior to the others in every way.

It is very early with exceedingly small tops, roots globular and very smooth, flesh of a bright blood red color, very crisp, tender and sweet. It is equally good for the market or home garden as it is an excellent keeper as well as being very early.

Per pkt., 5c. Per oz., 10c.  
Per  $\frac{1}{4}$  lb., 30c. Per lb., 90c.

## Early French

## Forcing Carrot.

The earliest variety in cultivation and the best suited for forcing and early market gardening. Tops small and finely divided. The roots are of a reddish orange color and nearly round. When fully matured they are about two inches in diameter, but should be used before they are fully grown when they are tender and delicious.

Per pkt., 5c. Per oz., 15c. Per  $\frac{1}{4}$  lb., 30c. Per lb., \$1.00.







### "EARLY SPRING" CABBAGE.

The only Extra Early, Round Flatheaded Cabbage in the World. Coming in with the Wakefield, and yielding one-third more than any other Extra Early,

This variety is of the Early Summer Type, but about one-fifth smaller, and has only four to five outside leaves, and these so small that it may be planted twenty-one inches apart, 14,500 to the acre.

The stem is short, making almost the whole plant edible. It is finely bred, the veining of the leaves being particularly fine. There is no cabbage we know of having a more solid head; it has also the peculiarity of heading firmly at an early stage in its growth, so that the finest cabbage, though small, can be obtained long before it has attained its mature size.

Per pkt., 5c. Per oz., 30c. Per  $\frac{1}{4}$  lb., \$1.00.

## Holmes' Premo Sweet Corn

A Pure Sweet Corn Five to Seven Days Earlier Than Any Other Variety.

No corn was ever introduced that gave such general satisfaction as Holmes' Premo. It is acknowledged by expert corn growers to be the earliest pure sweet corn under cultivation. The stalks grow about five feet high, and are very vigorous, generally bearing two well-developed ears to a stalk.

Pkt., 10 cts. Pint, 20 cts. Quart, 30 cts. Peck, \$1.75.

If corn is ordered by mail, add 6 cts. per pint, and 10 cts. per quart for postage.



Holmes' Premo Sweet Corn.





## Gradus or Prosperity Pea.

This is a New, Very Large, Extra Early Variety of Wrinkled Pea.

The most desirable sort for the home and market garden, large podded and of splendid quality.

The vines grow about three feet high and are vigorous and hardy. The immense pods are as large as those of the Telephone, uniformly well shaped and handsome, and more attractive than those of other extra early varieties.

They ripen slowly and continue fit for use much longer than most varieties making this by far the most desirable sort for the home garden. The peas are very large, of splendid quality and beautiful color which they retain after cooking.

Pkt., 10 cts. Pint, 25 cts.  
Quart, 40 cts. Peck, \$3.00. Bush., \$10.00.

If Peas are ordered by mail, add 8c per pint, and 15c per quart for postage.

### What one of our customers says about these Peas.

Lowell, Me., July 21, 1904.

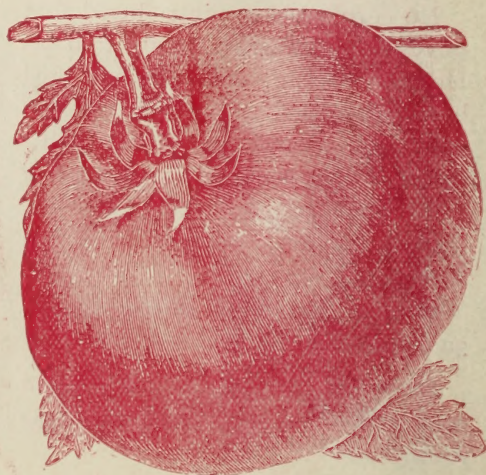
Dear Sirs: I am sending you two pods of Gradus or Prosperity Peas (see cut), which are a fair specimen of the above named peas, raised from seed I bought of you last spring. Vines are four feet high, and well filled with pods. Peas very large, of fine flavor and ready for market in two months and five days from planting. I have ten varieties of Wrinkled Peas purchased from you last spring and think I have got the finest assortment of peas in Penobscot County.

F. E. Coffin.

## NEW EARLY TOMATO "FREEDOM."

The plant is medium in size, presenting no peculiarities of foliage or habit. The fruit is borne mainly in clusters, perfectly round, having no sign of concave at the base. Of a bright, dazzling shade of scarlet. The flesh is remarkably solid, having but few seeds. The flavor is perfect, absolutely free from any acidity. Undoubtedly the most prolific of all early tomatoes, and equal in size to the largest of any early sort put on the market. A very valuable acquisition to the tomato list.

Pkt., 10c. Oz., 40c; 2 oz., 70c; ¼ lb., \$1.25.





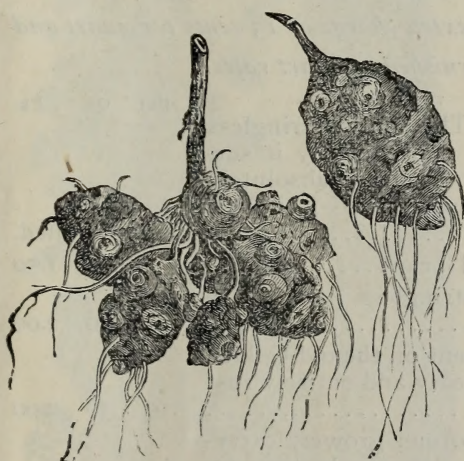
# Selected Northern Grown Vegetable Seeds.

Seeds sent by mail or express as the purchaser may wish. When ordering to be sent by mail, add postage for **Beans and Peas** at the rate of **15 Cents** per quart, and to **Corn**, **10 Cents** per quart, to catalogue prices.

Bulk seeds by the pound if ordered sent by mail add 8 cents per pound for postage.

Seeds in **packets** and **ounces** sent by mail free.

## ARTICHOKE—Jerusalem.



From four to five bushels will seed an acre; they should be cut the same as potatoes, one eye on a piece being sufficient, planted in May, in rows three feet apart and about eighteen inches in the rows, and covered about two inches deep.

They are the best hog food known, and are attracting much attention on account of their great fattening properties, and for milch cows, they excel any root grown for increasing the flow of milk, and make it much richer.

An acre will keep from 20 to 30 hogs during the fall and winter months.

They are well adapted to any soil where corn or potatoes can be grown.

**Jerusalem Artichoke.** Tubers, per quart, 25 cents; per peck, \$1.00; per bushel, \$3.00.

## ASPARAGUS.

This is one of the first and finest spring relishes which comes to the table from the garden, and it really requires very little trouble in cultivation, since a bed once properly made and planted will last for years. The soil for the bed can hardly be made too rich, and the fertilizer should be well trenched-in to the depth of 2 feet or more. The roots should be planted as early in spring as the ground can be prepared, setting them a foot apart in rows 3 or 4 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seeds may be sown directly in the permanent bed and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 50 feet of drill, and produce about 300 plants. Fair crops may be expected the third year.



Pkt. Oz.  $\frac{1}{4}$  lb.

**Colossal.** Widely cultivated; very large, deep green; tender stocks of good flavor; the roots are vigorous and productive. 5 .10 .20



## BEANS—Dwarf or Bush.



**Improved Golden Wax Beans.**

One quart is sufficient for one hundred feet of drill; two bushels for one acre in drills.

A succession of sowings can be made from the first week in May until July. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted; the plants should be about three inches apart.

*Beans ordered by mail are subject to an extra charge of 15 cents per quart and eight cents per pint for postage. Pints furnished at quart rates.*

	Pkt	Qt.	Pk.
<b>Burpee's Stringless Pod Bush Beans.</b> The only stringless green pod bush bean in cultivation, consequently it surpasses all others in crisp tender flavor. All are absolutely stringless, and of a beautiful fleshy appearance. It is very early and very prolific.....			Crop Failed.
<b>Dwarf Horticultural.</b> A fine early shell bean.....	5	.20	1.50
<b>Currie's Rust Proof.</b> Straight, yellow, stringless pod. Unsurpassed for quality .....	.10	.30	2.00
<b>Improved Golden Wax.</b> An improvement on the old Golden Wax. The pod is somewhat round, meaty and entirely rust proof .....	.10	.30	2.00
<b>Davis Kidney Wax.</b> This plant is a vigorous grower, carrying the pods well up from the ground. In productiveness it is astonishing, as it will produce at least one-third more bushels of pods to the acre than any other Wax Bean. The pods are long, straight, oval, of clear waxy white color, and handsome, often growing to a length of seven to eight inches, and when fit for use, are quite stringless and of fine flavor .....	.10	.30	2.00
<b>Low's Champion.</b> One of the best for either snap or shell beans. Very productive; large, green, flat pods.....	.10	.30	2.00
<b>Refugee Wax.</b> Long, round yellow wax pods, very productive, and not inclined to rust .....	.10	.30	2.00
<b>Cleveland's Improved Valentine.</b> One of the most popular of all the varieties of bush beans .....	.10	.30	2.00
<b>Long Yellow Six Weeks.</b> Hardy and prolific, an excellent early string bean .....	.10	.25	1.75
<b>Yellow Eye. (Old Fashioned).</b> Very productive; not as large as the improved, but of better quality for baking.....	.20	1.25	4.50
<b>Improved Yellow Eye.</b> Very prolific; fine for baking.....	.20	1.15	4.00
<b>Improved White Pea.</b> Excellent for baking .....	.20	1.15	4.00

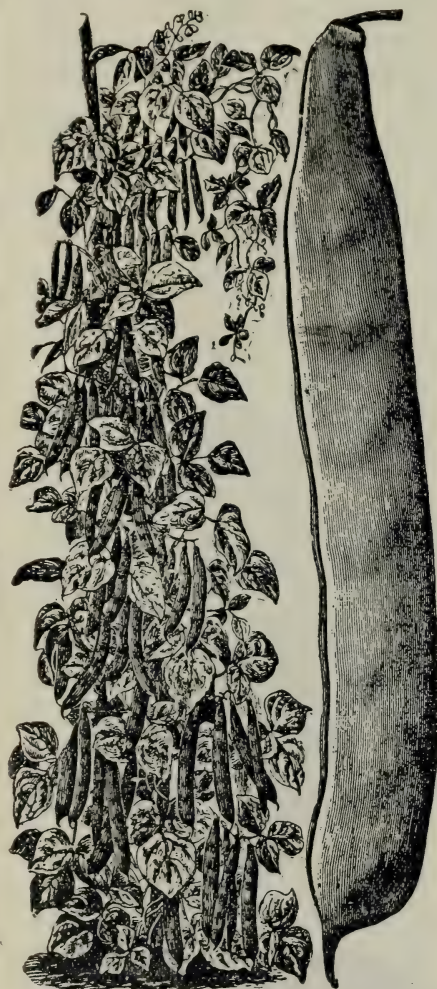


**BEANS—Pole or Running.**

One quart will plant one hundred hills, ten to twelve quarts to the acre.

These are more tender, and require rather more care in culture than the bush beans; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

*Beans ordered by mail are subject to an extra charge of 15 cents per quart for postage. Pints furnished at quart rates.*



**Lazy Wives Pole Beans.**

	Pkt	Qt.	Pk.
<b>Horticultural Pole.</b> The most popular variety for both string and shell beans .....	.10	.25	1.50
<b>Mammoth Horticultural.</b> An improvement over the common Horticultural, being very much larger and much more productive. As a market shell bean it has no equal. ....			Crop Failed.
<b>Indian Chief or Black Wax.</b> A very tender string bean. ....	.10	.25	1.50
<b>Mont d'Or, or Golden Butter.</b> Earliest of the wax pole varieties, unsurpassed in quality .....	.10	.25	1.75

**Lazy Wives.** Immensely popular everywhere. Pods are large, green, entirely stringless, and of excellent flavor. It is exceedingly productive and easily gathered. Such is the peculiar taste and pleasant flavor of this bean that many persons could not be induced to eat other varieties of string beans, after tasting Lazy Wives. Excellent for shelling or baking .....

.10 .30 2.00



Kentucky Wonder Beans.

**White Dutch Runners.** Large, white flowers; often planted with the scarlet variety; the effect is very beautiful. . . . . .10 .30

Owing to the extreme short crop of seed beans grown last season, the supply is very limited and high. Prices are subject to change without notice.

**BEETS.**

One ounce to fifty feet of drill; six pounds to the acre.

The best results are obtained on a deep, rich, sandy loam. For early use sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches; for the main crop sow the first week in May, and for winter use as late as June. The soil should be deeply manured and well cultivated. In lifting and storing the roots, care must be taken that they are not bruised.



Dirigo Beet.

**KENTUCKY WONDER  
or Old Homestead.**

A very prolific sort, producing its pods in large clusters. Pods green, very long, often reaching nine or ten inches, nearly round when young and very crisp, of fine flavor and most excellent for snap beans. One of the best and most profitable beans for the market gardener, the pods being so showy and produced in great abundance. . .

Pkt. Qt. Pk.

.10 .30 2.00

**Early Jersey Lima.** Of large size. Very tender and of delicious flavor. Very early. Out of a number of varieties that we have tried, we found this to be the most desirable sort for this climate

.10 .30 2.00

**Scarlet Runner.** Very ornamental, free climber with with bright scarlet flowers . . . . . .10 .30



**Perfection Beet.** (See page 2).

**Dirigo Extra Early.** Originated with a leading market gardener, and was brought to perfection after years of careful cultivation. It is a rich, blood-red beet of fine grain and flavor, is earlier than either the Egyptian or Eclipse, of smooth and rapid growth; top and tap root being very small. .... 5 .15 .25 .75

**Crosby's Egyptian.** This variety resembles the Egyptian only in its extreme earliness. It grows much larger and lighter colored. It is one of the best sorts for early planting as it reaches a usable size sooner than any other sort ..... 5 .10 .20 .60

**Eclipse.** This variety is about as early as the Egyptian, but of larger and finer quality ..... 5 .10 .20 .60

**Bastian's Early Blood Turnip.** Larger than the Egyptian and follows it and the Eclipse in point of earliness; not so dark in color ..... 5 .10 .20 .60

**Dewing's Blood Turnip.** Of fine form and flavor and deep blood red; a desirable variety ..... 5 .10 .20 .60

**Long Smooth Blood Red.** This is a long, smooth beet, growing to good size.... 5 .10 .20 .60

**Edmand's Early Blood Turnip.** The largest sort for general crop. In quality one of the finest, exceedingly dark, shape globular, having only one tap root. Very popular with marketmen ..... 5 .10 .20 .60

**Swiss Chard.** Used for greens ..... 5 .10 .20 .60

## Sugar Beets and Mangel Wurzels.

Varieties Grown for Feeding Stock  
(Sown in May or Early in June).

Six Pounds Per Acre.

**Giant Feeding Sugar Beet.** (See Page 1)  
2 oz. ¼ lb. lb.

**Lane's Improved Sugar Beet.** A well known variety; valuable for feeding to cattle..... .10 .15 .35



**Giant Yellow Intermediate.**



	2 oz.	¼ lb.	lb.
<b>Giant Yellow Intermediate.</b> This variety grows more than half above the ground, and is a russet yellow color. The root is ovoid, intermediate between the long and globe varieties. Flesh white, firm and sweet, much liked by cattle. Produces enormous crops and a good keeper .....	.10	.15	.35
<b>Yellow Globe Mangel Wurzel.</b> Roots of large size and globular form; very productive.....	.10	.15	.35
<b>Improved Mammoth Long Red Mangel Wurzel.</b> A variety producing roots of mammoth size .....	.10	.15	.35
<b>Golden Tankard.</b> A half long variety of a bright yellow color .....	.10	.15	.35
<b>Norbiton Giant Mangel Wurzel.</b> Extra fine Long Red, very large .....	.10	.15	.35

CABBAGE.

One ounce will produce about three thousand plants.

The Cabbage is one of the most important vegetables, and some of its varieties universally cultivated. The ground must be highly manured, deeply dug or plowed, and thoroughly worked, to insure good, full sized heads. A heavy, moist and fresh loam is the most suitable. The early sorts should be sown very early in the spring, in hotbeds, or later in the open ground. Eighteen inches by three feet apart is the common distance.



Fottler's Improved Brunswick Cabbage.

	Pkt.	Oz.	¼ lb.
<b>Early Spring Cabbage.</b> (See page 3).			
<b>Early Winningstadt.</b> An excellent sort; heads of large size...	5	.20	.60
<b>Early Jersey Wakefield.</b> This is the standard early pointed-head cabbage. For the market garden it is the best, and for early home use all should have it .....	5	.20	.60
<b>Henderson's Early Summer.</b> The standard summer variety. Unexcelled for the market garden and good for home use.....	5	.20	.60
<b>All Seasons' Cabbage.</b> Early; solid and sure headed.....	5	.20	.60
<b>Fottler's Improved Brunswick.</b> An excellent early Drumhead variety; produces a firm and solid head .....	5	.20	.60
<b>Henderson's Succession.</b> One of the finest for a second early or late sort .....	5	.20	.60
<b>Autumn King.</b> Entirely distinct, one of the best keepers, enormous sized head, of that dark shade of green, which is most desirable in a cabbage, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts; therefore can be relied upon to produce a greater weight of crop per acre than any other variety. A distinct feature of the Autumn King is the peculiarly crimped leaves, which not only adds to its appearance, but enables it to be distinguished anywhere .....	5	.20	.60



**Sure Head Cabbage.**

broad and quite thick. The head is oval and very large for size of plant, solid and of good quality. It matures just after the All Seasons' Cabbage, and is very popular with gardeners

**Mammoth Rock Red.** This is the best, largest and surest heading red cabbage ever introduced. The head is large, round, very solid and of deep red color.

**Sure Head Cabbage.** Produces large, round, flattened heads of The Flat Dutch type, and is remarkable for its certainty to head. It is all head and sure to head even under unfavorable conditions. The heads are remarkably uniform, very hard, firm and fine in texture, and ordinarily weigh from 10 to 15 pounds each. Has but few leaves, keeps well. A good shipper, and just the variety to suit market gardeners and farmers.

Pkt. Oz.  $\frac{1}{4}$  lb.**Premium Flat Dutch.**

The old standard variety for main crop. It has long stood the test, and is yet one of the very best

5 .20 .60

**Stone-Mason Drumhead.**

One of the very best for a main crop

5 .20 .60

**Deep Head.** An early strain of the Flat Dutch type. The plant is rather below medium size, very short stemmed and few leaved.

The leaves are large,

5 .20 .60

5 .20 .60

5 .25 .75

**CARROTS.**

One ounce to one hundred feet of drill three to four pounds to the acre.

Carrots require a very finely pulverized soil to grow them to perfection. A good, light and well enriched sandy loam is the best for this crop. For field culture, sow in drills, three to three and one-half feet apart, so as to cultivate by horse. Market gardeners sow in drills about eighteen inches apart, and cultivate by hand. For early crops cover one-half an inch deep, and thin to six inches apart, in the rows; for late, cover three-fourths of an inch deep, and thin to four inches.

**Long Orange.** Roots of large size, heavy cropper and excellent keeper

Pkt. oz.  $\frac{1}{4}$  lb. lb.

5 .10 .20 .75

**Danver's Half Long.** In form it is midway between the Long Orange and Ox Heart. The root is of a dark orange color and grows very smooth. Very productive

5 .10 .25 .80

**Ox Heart Carrot.**



	Pkt.	oz.	¼ lb.	lb.
<b>New Ox Heart.</b> A very early and heavy yielder. Thick and short in form, scarlet in color .....	5	.10	.25	.80
<b>Long White Belgium.</b> Large, long rooted variety; valuable for feeding .....	5	.10	.20	.75



**Henderson's Early Snowball Cauliflower.**

<b>Early Favorite.</b> One of the best early varieties, very hardy, easily grown and will head under conditions in which many sorts will fail. Heads large, solid, crisp and tender .....	5	1.00
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### CELERY.

One ounce of seed produces about four thousand plants.

To have celery early, it should be sown in a hot-bed quite early in the spring, and when three inches high plant out in a well prepared bed, which must be covered in frosty weather. For the principal crop, sow early in spring, very shallow in the seed-bed, and when the plants are about six inches high, transplant them about six inches apart into trenches for blanching. Dig the trenches four feet apart, a foot wide and ten inches deep. Fill in five or six inches of well rotted manure, and mix thoroughly, half a spade deep, with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch, three or four times during their growth, taking care that no earth falls in the center of the plants.

<b>Boston Market.</b> A favorite variety, remarkable for its tender, crisp, succulent stems, keeps well .....	5	.20
<b>Henderson's White Plume.</b> Crisp, solid and possessing a sweet, nutty flavor; requires very little labor in bleaching .....	5	.20
<b>Golden Self-Bleaching.</b> A self-bleaching, early golden-colored variety that is very popular .....	5	.25

### CAULIFLOWER.

One ounce will produce about three thousand plants.

Any soil that will grow early Cabbages will grow Cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well paid.

The seeds may be sown in the hot-bed in March or April, and transplanted to open ground about the first of May.

	Pkt.	Oz.
<b>Henderson's Early Snowball.</b> A very reliable early variety .....	.10	2.00



**Golden Self-Bleaching Celery.**

Pkt. Oz.



**CORN—Sweet.**

One quart to two hundred hills, ten quarts to an acre.

The Sweet or Sugar varieties being liable to rot in cold or wet ground, should not be planted before the middle of May and for a succession con-

**Cory Corn.**

tinue planting every two weeks, until July, in rich, well manured ground, in hills three feet apart, each way, covering about half an inch and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in rows. The field varieties should be planted four feet apart each way, leaving three plants to a hill.

*Corn ordered by mail is subject to an extra charge of ten cents per quart and five cents per pint for postage. Pints furnished at quart rates.*

**Holmes' Premo Sweet Corn.** The earliest sweet corn in existence. (See page 3).

**Early Cory. (Red Cob).**

Pkt. Qt. Pk. Bu.

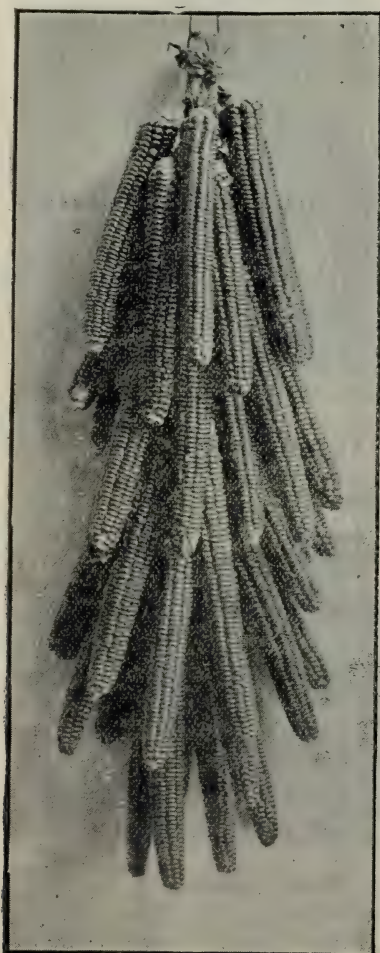
A very early dwarf variety, an excellent sort, sweet and good flavor ... 5 .20 1.25 4.00

**White Cory.** Similar to the above, but with white cob and white kernels ..... 5 .20 1.25 4.00

**Early Marblehead.** This resembles very closely the Cory, but is not so early ..... 5 .20 1.25 4.00

**Early Crosby.** Not so early as the Cory or Marblehead; of very rich, sugary flavor ..... 5 .20 1.00 3.50

**Late Crosby.** This resembles the Early Crosby. It has the same rich sugary flavor. Ears large and well filled. Kernels white. About one week later than the Early Crosby. One of the best medium late table and market varieties ever introduced ..... 5 .20 1.00 3.50

**Early Yellow Canada Corn.**

	Pkt.	Qt.	Pk.	Bu.
<b>Stowell's Evergreen.</b> This is a strain of this late variety of sweet corn that will mature in this climate. We have been troubled in the past by our Evergreen Sweet Corn not maturing, owing to the short season in this section. We have tried this strain for the past few seasons and have been very much pleased with it. All lovers of sweet corn should not fail to try this variety. It is very large and deep kernalled with a sweet, sugary flavor .....	5	.20	1.25	4.00
<b>Black Mexican.</b> Grain bluish black, but is especially rich in sugar qualities .....	5	.20	1.25	4.00

### CORN—Field.

	Qt.	Pk.	Bu.
<b>Early Yellow Canada.</b> A very early eight-rowed variety....	.10	.50	1.50
<b>Red Cob Ensilage.</b> A pure white corn. It is sweet, tender and juicy, has short joints, grows to a great height with an abundance of leaves .....	.10	.35	1.25
<b>Evergreen Sweet Fodder.</b> For cutting green and feeding to stock this variety excels all others in tenderness, sweetness and nutriment. Also popular as a silo variety .....	.10	.60	2.00
<b>Early Sanford.</b> A white flint variety, very valuable for ensilage and fodder, the stalks being very large and numerous. Particularly adapted to this climate as it ears well, and if planted early, will come to maturity.. ..	.10	.50	1.60
<b>Leaming.</b> An early yellow dent variety. Very productive. One of the best for ensilage or green fodder .....	.10	.35	1.25

### CRESS OR PEPPER GRASS.

A well known salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals to keep up a succession as it soon runs to seed.

	Pkt.	Oz.
<b>Double Curled.</b> Very fine; may be cut two or three times.....	5	.15

### CUCUMBER.

One ounce to fifty hills.

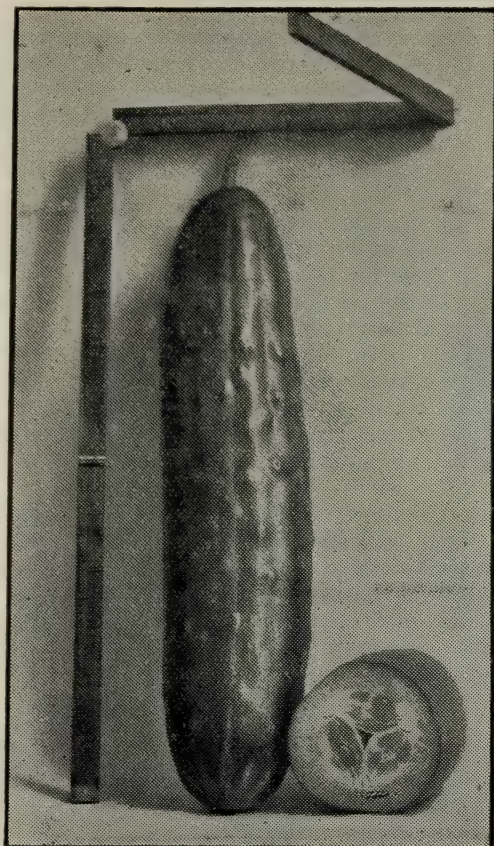
The Cucumber is a tender annual, and therefore should not be planted or set out in the open air until there is a prospect of continued warm and pleasant weather. Cucumbers succeed in warm, moist, rich loamy ground. The hills should be four or five feet apart in each direction.



Improved White Spine Cucumber.

When all danger from insects is passed, leave but three or four of the strongest plants in the hill.



**Japanese Climbing Cucumber.**

**Japanese Climbing.** A distinct and valuable variety, quickly climbing poles or trellis, taking up less room in the garden and keeping the fruit up from the ground and clean. It produces very long, round crisp fruit of fine flavor and is very prolific . . . . .

.10 20. .50 1.50

**Early Russian.** The earliest variety . . . . .

5 .10 .25 .75

**Early Frame.** An early standard variety; about five inches long. . . . .

5 .10 .25 .75

**Improved White Spine.** Superior for table use, very productive, medium sized, straight and well formed. . . . .

5 .10 .25 .75

**Nichols' Medium Green.** This is a very fine table variety, and also good for early forcing. Color, dark green; flesh very crisp; very prolific and always straight, smooth and handsome. It also makes a very desirable sort for pickles. . . . .

5 .10 .25 .75

**Early Green Cluster.** Grows in clusters, early and productive . . . . .

5 .10 .25 .75

**Improved Long Green.** Long and crisp; a popular and reliable variety for pickles . . . . .

5 .10 .25 .75

**Boston Pickling.** The finest variety to grow for pickles. . . . .

5 .10 .25 .75

## DANDELION.

One ounce to one hundred ft. of drill.

The Dandelion resembles Endive, and affords one of the earliest, as well as one of the most healthful of spring greens. Sow as early as the weather will permit, in good, well-enriched soil, in rows twelve inches apart, covering seed one-fourth of an inch deep, the earth firmly pressed over the seed.

**Improved Thick-**

Pkt. oz. ¼ lb.

**Leaved.** Best variety . . . . .

.10 .50 1.60

**Improved Thick-Leaved Dandelion.**

**ENDIVE.****Green Curled Endive.**

**White Curled.** By far the most beautiful variety. Plants moderately dense, with divided leaves, which are coarser and less tender than those of the Green Curled; but even the outer leaves are very light colored, frequently white, so that the plant is very attractive and always brings the highest price on the market ..... 5 .20

**LEEK.**

Belongs to the onion family and by some preferred to that vegetable. Sow the seeds and care for the young plants same as for onions, but they need a little more room in order to develop fully. When the young plants are about the size of a goose quill, transplant to a prepared bed in rows one foot apart and four or five inches in the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.

**London Flag Leek.**

**London Flag.** It is the Pkt. oz. ¼ lb. variety more cultivated in this country than any other. It is hardy and of good quality..... 5 .20 .60

**LETTUCE.**

One ounce to one hundred and twenty feet of drill.

**Big Boston Lettuce.**

Lettuce thrives best in rich, moist ground. Sow the seed in hot-beds



in February or March, and transplant into a sheltered border with a southern exposure. For successive crops sowings may be made in the open ground as early as the spring opens, and continuing until July.

- New Sensation.** This remarkable variety has rapidly grown in popularity until it has become the leader among gardeners. No other lettuce thrives so well when grown at any season of the year, withstanding the hottest weather in a remarkable degree. It is a beautiful light yellowish-green color, leaves much blistered on the surface, and has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled and it is one of the easiest to grow ..... 5 .20 .60
- Early Tennisball.** White seeded. Extensively grown for forcing and heading under glass, heads firm and good size; very white and crisp ..... 5 .15 .50
- Early Tennisball.** Black seeded. A very popular sort for open ground culture; forms a handsome head and is crisp and tender ..... 5 .15 .50
- Boston Curled.** A variety of great beauty and of superior quality. Leaves beautifully curled; attractive on table..... 5 .15 .50
- Black Seeded Simpson.** Heads very large with light colored leaves, leaves being almost white. Stands summer heat splendidly and remains long fit for use ..... 5 .15 .50
- Ferry's Early Prize Head.** Forms a large, tender and crisp mass of leaves of superior flavor, and very hardy. Slow to run to seed and does not become bitter as early as many other sorts ..... 5 .15 .50
- Big Boston.** This is a new, very large strain of White Tennisball or Boston Lettuce excelling all other strains in size. Of great value to market gardeners ..... 5 .15 .50
- White Cabbage.** Large, extra tender, and is a good keeper.... 5 .15 .50

### MELON—Musk.

One ounce for sixty hills; two to three pounds for an acre.

Melons thrive best in a moderately enriched light soil; the hills should be six feet apart each way. After all danger of frost is past plant twelve or fifteen seeds in each hill, and when well up, thin out to three or four plants in each hill.



Citron Preserving Melon.

**Nutmeg.** Named from its shape; flesh green and sweet ..... 5 .10 .25

**Large Round Yellow Cantaloupe.** Flesh reddish orange, sweet and of good flavor; an early and productive variety.. 5 .10 .25

**Miller's Cream.** This is one of the finest all-round melons in existence. Flesh of a rich salmon color, very sweet and melting in quality.. 5 .10 .25

**Extra Early Hackensack.** A green-fleshed nutmeg,

of splendid quality. It is very early and a prolific bearer. . . . . Pkt. oz.  $\frac{1}{4}$  lb.  
5 .10 .25

### MELON—Water.

One ounce for thirty hills; four to five pounds for an acre.

Plant in hills eight feet apart, and cultivate same as Musk Melon.

	Pkt.	oz.	$\frac{1}{4}$ lb.
<b>Vick's Early.</b> Productive, early and finely flavored; red flesh. . .	5	.10	.25
<b>Mountain Sweet.</b> One of the best for general culture . . . . .	5	.10	.25
<b>Citron.</b> The standard variety for preserves . . . . .	5	.10	.25

### MUSTARD.

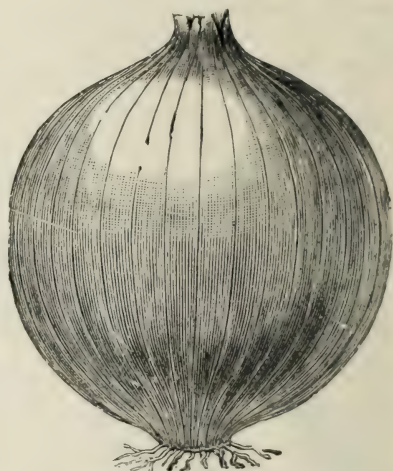
Sow thickly in rows at different times from May to July, and cut when about two inches high. Used as a salad or cut and boiled for greens. The seed is used for flavoring pickles, etc.

	Pkt.	oz.	$\frac{1}{4}$ lb.
<b>White London.</b> The leaves are light green, mild and tender when young; seed light yellow . . . . .	5	.10	.25

### ONION.

One ounce to one hundred feet of drill; five pounds to the acre.

No vegetable is more extensively known and cultivated than the Onion. A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as early as possible in spring, no matter if the weather is cold and unpleasant. Sow in drills one foot apart, and cover about one-third of an inch, treading or rolling after sowing, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed.



	Pkt.	oz.	$\frac{1}{4}$ lb.	lb.
<b>Large Red Wethersfield.</b> Large size, productive and a good keeper . . .	5	.15	.50	1.50
<b>Extra Early Red Globe.</b> A very early variety, of medium size and deep red color; an abundant producer, and of good form and flavor, keeping well . . . . .	5	.15	.50	1.50
<b>Yellow Globe Danvers.</b> The most profitable variety to raise, very productive, a good keeper, of mild flavor, and always meets with ready sale. . . . .	5	.15	.50	1.50
<b>American Silver Skin.</b> Flavor mild and pleasant. Skin silver white. Handsome in appearance. Highly esteemed for pickling when young; also for market in early winter . . . . .	5	.20	.60	2.00
<b>Prize Taker.</b> This is one of the best of the huge foreign varieties. When started under glass and transplanted into open ground, they bottom well, are nearly free from stiff necks, and when offered for sale always attract marked attention. The variety is without doubt the largest onion grown, samples under special culture sometimes weighing five pounds . . . . .	5	.20	.60	2.00

### Yellow Globe Danvers Onion.





Onion Sets should be planted near the surface as early in the spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop. *Onion Sets ordered by mail are subject to an extra charge of ten cents a quart for postage.*

Per Qt. Per Pk.

White Sets ..... .25 1.75

Yellow Sets ..... .20 1.50

Per Qt. Per Pk.

Potato Onion Sets ..... .20 1.00

Top Onion Sets ..... .25 1.50

For larger quantities prices will be given on application.

### PARSLEY.

One ounce to one hundred and fifty feet of drill.

Parsley requires rich, mellow soil; sow thickly in drills, one foot apart, and half an inch deep. As the seed germinates slowly, it is best to soak it for a few hours in tepid water before sowing. For winter use, protect it in a glass frame or light cellar.

Pkt. oz. ¼ lb.

Double Curled ..... 5 .10 .25

### PARSNIP.

One ounce for two hundred feet of drill; five pounds to the acre.

Sow as early in the spring as the weather will admit, in drills fifteen inches apart, covering half an inch deep. When well up thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

Abbott's Improved, or Long Smooth. Smooth and quite

Pkt. oz. ¼ lb. lb.

large; one of the best ..... 5 .10 .25 .75

### PEAS.

One quart to seventy-five feet of drill; two to three bushels to the acre.

Peas for an early crop should be sown as soon as the ground is in working condition. The soil for their reception should be light, dry and well sheltered. Mild manure, such as leaf mould, has a beneficial effect; but for many of the vari-



Double Curled Parsley.



Gradus or Prosperity Pea.

eties, the soil cannot be too rich. For general crops the ground should be well manured the previous year which causes them to yield more abundantly. When grown as a market crop, peas are never staked, and are sown in single rows, two or three inches deep, and from two to three feet apart, according to the variety or strength of the soil. When grown in small quantities for private use they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush.

*Peas ordered by mail are subject to an extra charge of fifteen cents per quart and eight cents per pint for postage. Pints furnished at quart rates.*

### Extra Early Varieties.

**Gradus or Prosperity.** (See page 4).

Pkt. Qt. Pk. Bu.

**Thomas Laxton.** A new, early wrinkled variety of great merit. Vine three to three and one-half feet high, similar to that of Gradus, but darker in color, hardier and more productive. Pods large and long, similar to but larger than those of the Champion of England and as uniformly well filled. The green peas are very large, fine colored and unsurpassed in quality. This pea has only to be known to become one of the most popular sorts for the market and home garden, as it is one of the very best varieties yet produced .....

.10 .40 3.00 10.00

**Cleveland's Eclipse.** The earliest and most productive pea as compared with the hitherto earliest known pea on record. Grows about two feet high. Seed green wrinkled. Smaller than the American Wonder, the pods of which it resembles. Pods true American Wonder in shape and size. A most desirable sort for canners, market gardeners or private family use.

5 .30 2.00 7.00

**Cleveland's Alaska.** A very early variety, smooth, blue, prolific and sweet. Height two feet; very desirable for early market gardening .....

5 .20 1.25 4.50

**Nott's Excelsior.** One of the most valuable of all the wrinkled dwarf peas. As early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. It grows a half taller than the American Wonder, and is a much heavier cropper. ....

5 .25 1.75 6.00

**Bliss' American Wonder.** One of the earliest and best known wrinkled dwarf varieties, grows about nine inches high, and is covered with well filled pods....

5 .25 1.50 5.50

**Premium Gem.** A dwarf, prolific, green, wrinkled marrow, very early; about nine inches high .....

5 .25 1.50 5.50

**Laxton's Alpha.** A very early wrinkled sort. Very prolific bearer, of fine quality, pods being large and well filled .....

5 .25 1.75 6.00

### Second Early Varieties.

**Dwarf Telephone.** A new variety with dwarf vines, bearing large handsome pods, with peas of highest quality, without the long vines of the Telephone, and regular and uniform in growth. Height eighteen



inches, stocky, healthy and vigorous, with almost no tendency to sport, and from five to seven days earlier than the Stratagem. Pods, long, remarkably well filled, and of good lasting quality for market purposes. Peas of large size, tender and of delicious flavor

Pkt. Qt. Pk. Bu.

Crop Failed.

**Pride of the Market.** Grows from eighteen inches to two feet high, and bears grand pods, well filled with large and finely flavored peas. Its robust constitution, enormous productiveness and superior appearance, insure its acceptance as a market favorite ....

5 .20 1.50 5.50

**McLean's Advancer.** An early, green wrinkled variety, of delicious flavor; grows about two feet high

5 .20 1.40 5.00

**Bliss' Everbearing.** Fine wrinkled marrow; pods three to four inches long, well filled with large peas; grows about two feet high .....

5 .20 1.50 5.00

**Heroine.** Grows about two and one-half feet high. A wrinkled variety of robust growth. It produces abundantly, long, pointed, well-filled pods, which contain from eight to nine fine, large peas .....

5 .20 1.50 5.50

### For General Crop.

**Carter's Telephone.** Pkt. Qt. Pk. Bu.

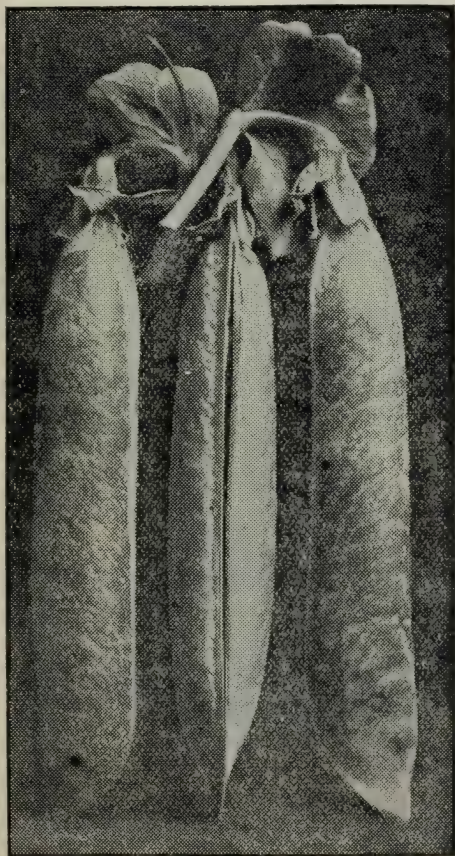
A wrinkled variety of superior quality. It produces an abundance of large, handsome pods, filled with immense peas, which are tender, sweet and of excellent flavor; grows about three feet high .....

5 .20 1.50 5.00

**Duke of Albany, or American Champion.** One of the best large podded late varieties. Very prolific. The vines are strong and vigorous, growing to the height of four feet, the pods are large, dark green and well filled with large, tender peas of delicious flavor .....

5 .20 1.50 5.50

**Improved Stratagem.** A dwarf



Duke of Albany Peas.

	Pkt.	Qt.	Pk.	Bu.
wrinkled pea of branching habit. The pods are of immense size, very uniformly filled with very dark green peas of the finest quality; an immense cropper. Grows about two feet high .....	5	.25	1.75	6.50
<b>Champion of England.</b> Universally admitted to be one of the richest and best flavored peas grown; grows five feet high .....	5	.20	1.25	4.00
<b>Yorkshire Hero.</b> A green wrinkled variety of branching habit; very productive and fine flavor; grows about two and one-half feet high .....	5	.20	1.50	5.00
<b>Dwarf Champion.</b> Has all the good qualities of the Champion of England, but does not grow so high; grows about two and one-half feet high .....	5	.20	1.50	5.50
<b>White Marrowfat.</b> One of the best late varieties; very productive .....		.10	.75	2.50
<b>Black-eyed Marrowfat.</b> An excellent field pea, hardy and productive .....		.10	.75	2.50
<b>Canada Field.</b> Extensively used for field culture .....			.50	1.75
<b>Tall Gray Sugar.</b> A very superior variety of the edible pod sort. Pods very tender and sweet .....	5	.30	1.75	6.00



Bell Pepper.

**PEPPER.**

One ounce will produce fifteen hundred plants.

Grown largely for pickles. Sow in the hot bed early in April, and transplant into the open ground when the weather is favorable. The plants should be set in warm, mellow soil, in rows eighteen inches apart. The seed may also be sown in the open ground, when danger from frost is passed, and the soil is dry and warm. Cultivate in the usual manner, and the crop will be fit for use early in September. Pkt. Oz.

**Large Bell.** Large and of mild flavor ..... 5 .30

**SEED POTATOES.****Bartlett's Perfection.**

This potato was originated by J. S. Bartlett of Bangor from the seed of a potato ball. Out of sixty varieties grown by him, this he considered to be by far the best variety for a general crop, and did not show the least sign of rot or blight, which was the only variety out of the sixty but showed more or less of it.

It is medium early, very prolific and a very robust grower.

In appearance it has a white skin, flat oval form, flesh white and mealy, and very smooth and handsome.

Price, 50 cts. per peck; \$1.50 per bushel; \$3.50 per bbl.

**Bartlett's Perfection Potato.**



**Harmony Beauty Potatoes.****All grown in one hill, weight 5 3-4 lbs.**

In appearance it has a russet pinkish skin, a little lighter in color than the Early Rose, and is of more oval shape.

Flesh white and mealy .....

**Early Fortune.** Earlier than the Rose, light amber color, red at seed end, resembling the New Queen in shape, excellent quality and a good yielder, becoming very popular .....

**Irish Cobbler.** We have found this potato to be one of the most reliable of all extra early potatoes we ever cultivated. In ripening it seems to be more uniform than any other sort. Every hill seems to ripen at the same time. The potatoes in form are oval and round. They grow very smooth, cream white, with few and shallow eyes. The quality for early table use is not excelled by any early variety. It keeps perfectly through the winter until planting time in the spring and it is never out of season for the table. Considering its earliness, yield, fine quality and handsome appearance, Irish Cobbler is one of the best of all early potatoes .....

**Mortgage Lifter.** This is one of the greatest yielders of all main crop varieties. It is a pure white potato, with small eyes, thin skin, very smooth, and fine-grained flesh of excellent flavor. Shape slightly oblong, rather broad and of medium thickness. This potato cooks very white, dry and mealy. One of the best late varieties in existence.....

**Green Mountain.** A late variety of flat, oval form; white skinned, very smooth and handsome. One of the best yielders, free from blight and rot, keeps well, and is never out of season for the table.....

Pk. Bu. Bbl.  
of  
165 lbs.

.35 1.00 2.50

**Harmony Beauty.** This potato originated from the seed of a potato ball in Somerset county, Maine.

It is the favorite market potato of Bangor, having the preference over all other varieties wherever once used, and conceded by growers and consumers to be the best potato grown. It always brings a better price than any other in our market.

It is a prolific cropper and remarkably free from rot, and about two weeks earlier than the Early Rose.

Pk. Bu. Bbl.  
of  
165 lbs

.35 1.00 2.50

.35 1.00 2.50

.40 1.20 3.00

.35 1.00 2.50

**PUMPKIN.**

One pound will plant two hundred and fifty hills.

Chiefly used for agricultural purposes. Same cultivation as for cucumbers and melons.

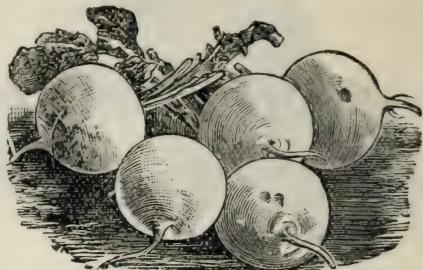
**Sugar Pumpkin.**

	Pkt.	Pt.	Qt.
<b>Large Yellow.</b> Large size, good for cooking .....	5	.10	.20
	Pkt.	¼ lb.	Lb.
<b>Sugar.</b> Fine grained, sweet and prolific .....	5	.25	.80

**RADISH.**

One ounce to one hundred feet of drill.

Radishes thrive best in a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a hot bed in February.

**White Pearl Radish.**

	Pkt.	oz.	¼ lb.	lb.
<b>Long Scarlet Short Top.</b> Very long and crisp .....	5	.10	.25	.75
<b>Early Scarlet Turnip.</b> Round, scarlet, small, mild and crisp.	5	.10	.25	.75
<b>Lady Finger.</b> Long, slender, and of a beautiful snow white. It is of rapid growth, remarkably crisp, brittle and tender. Quality desirable for the market or home garden..	5	.10	.25	.75
<b>White Pearl Radish.</b> Seventeen days from planting to the table. The quickest on record. Pearly white, globe shaped, small top; quality unparalleled; very sweet, tender and crisp. Equally adapted for forcing or growing out of doors .....	5	.20	.50	1.50
<b>French Breakfast.</b> A favorite oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing .....	5	.10	.25	.75

**SPINACH.**

One ounce to one hundred feet of drill.

Sow in early spring, in drills a foot apart, every two weeks for a succession; and as it grows, thin out for use. For fall use, sow in August, and for winter crop in September. Cover that which is left out over winter with straw or leaves, after the weather becomes quite cold.

**Long Standing Spinach.**

	Pk.	oz.	¼ lb.	lb.
<b>New Thick Leaved.</b> Has very large and thick leaves.....	5	.10	.20	.50
<b>Long Standing.</b> An improved round seeded strain of excellent merit, having all the good qualities of the ordinary sorts, and continuing in condition for use much longer. The leaves are smooth and very dark, rich green. Very popular with market gardeners .....	5	.10	.20	.50
<b>New Zealand.</b> This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities where the ordinary Spinach does badly. Has a luxuriant growth of succulent leaves which can be cut through the entire summer	5	.10	.30	1.00



**Turban Squash.****SQUASH.**

One ounce of summer varieties will sow forty hills; one ounce of winter varieties will sow fifteen hills; four pounds per acre.

Any good rich soil is adapted to the growth of the Squash. They only thrive well in a warm temperature, as all the varieties are tender annuals; and the seed should not be sown in spring until all danger from the frost is past, and the ground is warm and thoroughly settled. The hills for bush varieties should be about six feet apart, for running sorts, ten feet. Leave two plants to a hill and keep covered in the early stages with plaster.

	Pkt	oz.	¼ lb.	lb.
<b>Summer Crookneck.</b> Early, productive and of good quality; fruit bright yellow .....	5	.10	.25	.75
<b>White Bush Scalloped.</b> An early flat scalloped shaped variety; very productive .....	5	.10	.25	.75
<b>Turban.</b> Early fall variety; orange-yellow flesh of good flavor .....	5	.10	.30	1.00
<b>Hubbard.</b> One of the most desirable varieties in cultivation; color, dark green; flesh, bright orange-yellow; fine grained, very dry, sweet and rich flavored; keeps perfectly good throughout the winter .....	5	.10	.30	.90
<b>Warted Hubbard.</b> An improvement over the old-fashioned Hubbard. Same shape, large size, dark green, almost black; distinguished by a dense covering of knots, which justifies the name of "warted." Very thick flesh, first-class quality and a good keeper .....	5	.10	.30	.90

**Warted Hubbard.**

	Pkt	oz.	¼ lb.	lb.
<b>Boston Marrow.</b> A fall and winter variety, very popular in the Boston market; of oval form; skin thin; when ripe, bright orange; an excellent keeper and of superior quality .....	5	.10	.25	.75
<b>Early Prolific Marrow.</b> Earlier than the Boston Marrow. Very productive and grows to weigh from seven to twenty pounds. Its color is most attractive, a brilliant orange red. Quality excellent when mature, and a good keeper ..	5	.10	.30	.90

**SUNFLOWER.**

**Large Russian** ..... Per pound, 15 cents

**TOBACCO SEED.**

	Pkt	oz.	¼ lb.	lb.
<b>Connecticut Seed Leaf.</b> Best adapted to the climate of the northern states, as it is more hardy and endures the cold better than the tender varieties grown south .....	5	.30	1.00	

## TOMATO.

One ounce will produce fifteen hundred plants. This vegetable is one of the most important of all garden products. They thrive best in a warm light rich soil. For early plants, sow about the first week in March in a hot bed; or in boxes or pots in a warm window. When the plants are about two inches high, set out in boxes, three inches deep, four inches apart, in the same temperature, or pot singly. If again transplanted before setting out, the plants will be still more stocky. Set out in the open ground about the first of June, four feet apart each way, using a shovelful of rotted manure in each hill. Keep well sheltered and watered until they are established, after which let the fruit have plenty of sun.



Crimson Cushion Tomato.

	Pkt.	oz.	¼ lb.
<b>New Early Freedom Tomato.</b> (See page 4).			
<b>Livingston's Beauty.</b> Color, very glossy crimson; grows in clusters of four or five fruits; large and solid .....	5	.25	.75
<b>Livingston's Favorite.</b> Productive; good flavor; few seeds; flesh solid; smooth and handsome .....	5	.20	.60
<b>Livingston's Perfection.</b> Early, large, smooth and solid, blood-red color .....	5	.25	.75
<b>Trophy.</b> Very large, solid and of fair quality .....	5	.20	.60
<b>Atlantic Prize.</b> This tomato is the result of many years' careful selection by one of the most successful tomato-growers of New Jersey. It is very early, fruit is of good size, round, very solid, and of excellent quality .....	5	.25	.75
<b>Dwarf Champion.</b> This is an early variety, which forms very stout strong plants, about two feet high. The branches are short, making a bushy plant that stands quite erect without stakes. Fruit smooth, medium sized, fairly solid, but has no hard core, and is of good flavor .....	5	.25	.75
<b>Crimson Cushion.</b> For so large a tomato it is very early, very smooth, of a bright scarlet crimson. Ripens almost completely to the stem end. The flesh is so firm and solid that it requires four times the quantity to produce a pound of seed that it does of ordinary sorts. Without doubt the most prolific of any variety yet brought out. A grand tomato for slicing or canning .....	5	.25	.75
<b>New Stone.</b> Of a bright scarlet color. Very large and very smooth; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed (as its name indicates); is an excellent shipper; quality the very best; a good keeper; without hard core and not subject to rot. A great yielder .....	5	.25	.75



**TURNIP.**

One ounce for one hundred and fifty feet of drill; one to two pounds in drills for an acre.

Turnips do best in highly enriched, light, sandy or gravelly soil; sow the earliest varieties as soon as the ground can be worked in the spring, in drills twelve to eighteen inches apart. For a continuous supply through the season, sowings should be made every two weeks until the last of July; from which time until the middle of August the principal sowings are made for the fall and winter use. Swedish or Ruta Baga turnips are largely grown for a farm crop, as well as for the table; make sowings from the tenth of June until the first of July, in drills two to three feet apart, and the plants when well up should be thinned to ten inches apart. To keep the roots fresh during the winter, they may be placed in a cool, dry cellar and buried with dry sand.



**Purple Top Strap  
Leaf Turnip.**

Pkt. 2 oz.    ¼ lb.    1b.

<b>Golden Ball or Orange Jelly.</b> A rapid grower of excellent flavor; bright yellow, good keeper, and a superior table variety .....	5	.10	.20	.60
<b>Purple Top Strap Leaf.</b> Best variety for main crop; equally good for spring or fall sowings; white flesh .....	5	.10	.15	.50
<b>White Egg.</b> Oval, early, handsome and sweet .....	5	.10	.15	.50

**RUTA BAGA OR SWEDE****TURNIP.**

**Carter's Imperial Swede  
Ruta Baga.**

<b>Carter's Imperial Swede.</b> A most excellent sort for either table use or feeding stock. Flesh yellow, solid, sweet and rich. Purple top, hardy and heavy yielder .....	Pkt. 2 oz.	¼ lb.	1b.	
5	.10	.15	.50	
<b>American Purple Top.</b> Flesh solid, yellow, sweet and of fine flavor. An excellent keeper for winter use. ....	5	.10	.20	.60
<b>Skirving's Purple Top.</b> A very popular variety. Large, yellow, firm flesh, sweet and a good keeper..	5	.10	.20	.60

**HERB SEEDS.**

	Pkt.	oz.		Pkt.	oz.
Sweet Marjorum .....	5	.20	Summer Savory .....	5	.20
Sage .....	5	.20	Balm .....	5	.20

**VEGETABLE PLANTS AND ROOTS.**

	Per Doz.	Per 100
Asparagus Roots. Strong two-year-old roots .....	.25	1.50

**CABBAGE PLANTS.****Cabbage Plants—For Winter Crop.****Ready May 1st.****Ready June 15th.**

	Per. 25	Per 50	Per 100	Per 1000		Per. 25	Per 50	Per 100	Per 1000
Early Summer .....	.25	.40	.75	7.00	All Seasons .....	.20	.35	.60	5.00
Early Jersey Wakefield ..	.25	.40	.75	7.00	Autumn King .....	.20	.35	.60	5.00
Fottler's Brunswick ..	.25	.40	.75	7.00	Mam. Rock Red .....	.25	.50	.80	7.00
All Seasons .....	.25	.40	.75	7.00	Fottler's Brunswick ...	.20	.35	.60	5.00

Our Cabbage plants are packed in moss in packages of 25, 50 and 100.

**CAULIFLOWER PLANTS.****Ready May 1st.**

Henderson's Early Snowball .....	Per Doz., 20 cts.	Per 100, \$1.00
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Put up in boxes of 12, 25 and 100.

**CELERY PLANTS.****Ready June 1st.**

	Per 25	Per 50	Per 100
Golden Self Bleaching .....	.25	.40	.75
Boston Market .....	.25	.40	.75
White Plume .....	.25	.40	.75

Put up in boxes of 25, 50 and 100. Prices on larger lots quoted on application.

**PEPPER PLANTS.****Ready June 1st.**

Large Bell or Bull Nose .....	Per Doz., 25 cents
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**TOMATO PLANTS.****Ready May 15th.**

Acme.	Dwarf Champion.
Freedom.	Crimson Cushion.
Sparks Earliana.	Livingston's Beauty.

Put up one dozen in a box. Boxes assorted with early and late varieties in same box if so desired. Price per box, 30 cents.

Peach Tomato.	Yellow Plum.	Red Cherry.
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These varieties of tomatoes are fine for preserving.

Put up one dozen in a box. Boxes assorted with four each of the above three varieties if so desired. Price per box, 30 cents.

**RHUBARB ROOTS.**

Linnaeus, two-year-old roots .....	Per Doz., \$1.50
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*Plants and Roots on this page sent by Express or freight only.*



## BEDDING PLANTS.

### ASTERS.

Ready June 1st.

Giant Comet. Assorted colors .....	Per Doz., 25 cents
Victoria. Assorted colors .....	Per Doz., 25 cents
Pecny Flowered Perfection. Assorted colors .....	Per Doz., 25 cents
Victoria. Pure white .....	Per Doz., 25 cents

### BELLIS OR ENGLISH DAISY.

Ready May 1st.

Mixed Colors. Six plants in a basket. Price per basket .....	25 cents
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### CARNATION PINKS.

Ready June 1st.

Large Flowering Marguerites. Assorted colors .....	10c each; \$1.00 per dozen
Rooted Cuttings. Assorted colors .....	25c per dozen

### GERANIUMS.

Ready June 1st.

	Each	Doz.
Choice Mixed Varieties in Bloom, 8 to 12 inches high .....	.10	1.00
Extra Large Choice Mixed Varieties .....	.15	1.25

### PANSIES.

Ready May 1st.

Extra Choice Sorts. Large flowering. Six strong plants in a basket. Price per basket .....	25 cents
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### TEN WEEKS STOCKS.

Ready June 1st.

Henderson's Colossal. Mixed colors. Strong 10 inch plants in bloom, ....	\$1.00 per dozen
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### VERBENAS.

Ready May 1st.

Extra Choice Large Flowering Sorts. Mixed colors. Six in basket .....	25c per basket
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*Plants on this page sent by Express or Freight only.*

### Bradley's Concentrated Flower Food.

For House Plants and Florist's use.

This food is composed of all the constituents requisite for perfecting the growth of all the flowering plants.

One pound, 10 cents.

Three pounds, 25 cents.

## FLOWER SEEDS.

### NASTURTIUM—Tall.

Elegant profuse flowering plants for verandas, trellises, etc. The seed pods can be gathered while green and tender, for pickling. Hardy annuals.

Tall Mixed. Fine colors... 5 .10 1.00

### NASTURTIUM—Dwarf.

The dwarf varieties are among our most popular plants, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing and ribboning, doing well even in poor soil. Hardy annuals, 1 foot.

Dwarf, Mixed. Fine colors. 5 .10 1.00



Dwarf Nasturtium.

### SWEET PEAS.



Very lovely, beautiful, fragrant, free blooming, climbing plants. Sweet peas are grown very extensively by florists and gardeners for cut flowers, and when placed in water will last many days, and their sweet perfume delights many.

Supported by common pea sticks they form admirable screens for protecting tender plants and excluding unsightly objects. They are invaluable for trailing and trellis work and covering fences, etc.

The more the flowers are cut the more freely they will bloom.

	Pkt.	Oz.
<b>Black Knight.</b> Deep maroon .....	5	.10
<b>Blanche Burpee.</b> Large white .....	5	.10
<b>Blanche Ferry.</b> Pink standard; white petals .....	5	.10
<b>Blushing Beauty.</b> Soft pink suffused with lilac .....	5	.10
<b>Butterfly.</b> Standards and wings white, faintly suffused with lavender. Entire flower edged blue .....	5	.10
<b>Cardinal.</b> Crimson scarlet .....	5	.10



	Pkt.	Oz.
Captain of the Blues. Purplish mauve blue .....	5	.10
Carmine Invincible. Brightest crimson .....	5	.10
Chancellor. Bright shade of orange pink .....	5	.10
Countess Cadogan. Reddish mauve, standard and wings, violet....	5	.10
Countess of Radnor. Delicate lavender .....	5	.10
Crown Jewel. Creamy white, veined with violet rose .....	5	.10
Delight. White, crested with crimson.....	5	.10
Duchess of Sutherland. Pearl white, suffused with light pink.....	5	.10
Emily Henderson. A distinct and valuable white variety .....	5	.10
Firefly. Very bright and intense crimson-scarlet of good size and form .....	5	.10
Indigo King. Very dark purple and indigo .....	5	.10
Imperial Blue. Bright blue .....	5	.10
Mikado. Cerise ground, striped white.....	5	.10
Mrs. Dugdale. A beautiful deep rose.....	5	.10
Mrs. Eckford. Primrose yellow .....	5	.10
Mrs. Jos. Chamberlain. White, flaked with bright rose .....	5	.10
Mrs. Sankey. The purest white, the most perfect form, the largest size and a most profuse bloomer .....	5	.10
Pink Friar. Carmine rose, suffused on silvery white .....	5	.10
Princess Beatrice. Delicate blush pink, marked with deeper shades.	5	.10
Purple Prince. Maroon, shaded with bronze purple, wings blue....	5	.10
Primrose. Pale primrose yellow, novel and distinct .....	5	.10
Queen of England. White. Of large size .....	5	.10
Senator. Large flower, shaded and striped chocolate on creamy ground .....	5	.10
Splendor. Coppery crimson suffused with rosy pink. Very rich...	5	.10

Dunning's Choice Mixed Sweet Peas. This mixture is made up entirely of the choice new and standard varieties. These varieties are all grown separately, and are selected and mixed in such variety and proportions as to give a mixture that is second to none.

Price per pkt., 5c. Per oz., 10c. Per  $\frac{1}{4}$  lb., 25c.  
Per lb., 75c.

### DWARF SWEET PEAS.

	Pkt.	Oz.
Cupid. Flowers of fine form, full size and delicious fragrance; pure white .....	5	.10
Pink Cupid or Dwarf Blanche Ferry. The flowers are full size, beautiful pink and white. Plants are exceptionally vigorous and come quickly into bloom and cover themselves quickly with flowers till late in the season .....	5	.10

## Extra Selected Farm Seeds.

### GRASS SEEDS.

At market prices at time order is received. All inquiries for quotations will be promptly answered.

**Timothy or Herd's Grass.** The best grass for hay; 45 lbs. to the bushel.

**Red Top.** A valuable grass and extensively cultivated; 10 lbs. to the bushel.

**Fancy Red Top.** Clear seed.

**Rhode Island Bent.** Very fine lawn grass; 10 lbs. to the bushel.

**Orchard Grass.** Valuable on all dry soils, very valuable as a pasture grass; 14 lbs. to the bushel.

**Fowl Meadow Grass.** Grows tall and thick, succeeding best on low, moist land; 10 lbs. to the bushel.

**Kentucky Blue Grass.** An excellent variety for pasture. Also valuable for lawns when mixed with other grasses; 14 lbs. to the bushel.



Orchard Grass.

## Awnless Brome Grass.

(*Bromus Inermis*.)

An erect growing perennial that attains a height of from three to five feet.

It is especially recommended for dry and arid soils where the more delicate grasses will not grow. Its remarkable drought resisting qualities make it very valuable for dry situations, while its extreme hardiness enables it to withstand our coldest winters without serious injury. The rootstocks of this variety spread rapidly under ground, sending up new shoots, and thus form a close, dense sod. On this account it should not be sown except where a permanent grass crop is desired; 20 lbs. to the bushel.





## MILLETS.



**Hungarian Grass.**

from a single seed. Hay and fodder are very nutritious and much liked by all kinds of stock. Sow in June and July, one peck to the acre; 48 lbs. to the bushel.

Millets should be sown in June and July, and are annual forage plants of thick growth, valuable for green fodder or hay, maturing in fifty to seventy-five days from the time the seed germinates, producing an abundant yield of forage, relished by all kinds of stock. They must be cut while in blossom to make good hay. At market prices at time order is received. All inquiries for quotations will be promptly answered.

**Hungarian Grass.** Early; grows two to three feet high; abundant foliage; withstands drought and yields well on light soils; 48 lbs. to the bushel.

**Golden Millet.** Requires a dry, light, rich soil, and grows two and a half to four feet high, with a fine bulk of stalks and leaves, and is excellent for foraging; 48 lbs. to the bushel.

**New Siberian Millet.** A new and wonderfully productive forage plant from Russia, which has given excellent results in the United States. It is extremely hardy and about two weeks earlier than German Millet, growing about four feet in height. Its stooling properties are remarkable, as high as 41 stalks having been grown

## CLOVERS.

Prices subject to market changes.

There are no plants so valuable for fertilizers as the clovers. They have the faculty for absorbing nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil. The seed may be sown in fall or spring; the best results will come from sowing in the spring, and is often sown on the late snows of April.

**Medium Red Clover.**

**Pea Vine or Mammoth Clover.**

**Alsike Clover.**

**White Dutch Clover.** Valuable for pasture and for lawns.

**Scarlet or Crimson Clover.** This variety is fine for soiling cattle; has a beautiful blossom.

**Alfalfa or Lucerne Clover.** Very productive; requires deep soil.

## DWARF ESSEX RAPE.

This is very valuable for sheep pasture. It can be sown in May, and will be ready for pasturing in July or August; or it may be sown in June or even

up to the middle of July, and yet furnish, under reasonably favorable circumstances, a large amount of pasture and fodder. It is very suitable for sowing on land that an early crop of potatoes has been taken off. In drills, about four pounds to the acre; broadcast, eight pounds to the acre. Pound, 9c; 13 pounds for \$1.00.



Soja or Soy Beans.

## Soja or Soy Bean.

Very valuable for fertilizing and enriching the soil; also used for pasturing, feeding as green fodder, and for silo purposes. Sow broadcast in May or June, at the rate of one bushel to the acre; or it may be planted in drills three feet apart and one foot between plants.

Per qt., 20 cts. Per pk., \$1.00. Per bu., \$3.50.

## Sand, or Winter Vetch.

One of the pea vine class of plants. Better than other fodder crops on poor, dry, sandy soil, while in good soil it makes a rank growth of four to five feet. Perfectly hardy all over the United States, stands drought well and remains green all winter. It is the earliest of all spring fodder crops. Sow for spring use in August with  $\frac{1}{2}$  bushel winter rye or oats, or in spring with  $\frac{1}{2}$  bushel of oats, rye or barley. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow at the rate of one bushel per acre.

Per qt., 30 cts. Per pk., \$2.25. Per bu., \$8.00.

## Early Black Eye Cow Peas.

The great soil improver. Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Peas is the most popular, especially for medium and light soil. They should be sown in May or June, at the rate of one and one-half bushels to the acre, and plowed under as soon as they have attained their growth. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer, its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers.

Cow Peas are also valuable as a forage crop.

Per qt., 20 cts. Per pk., \$1.00. Per bu., \$3.50.



Sand, or Winter Vetch.



## JAPANESE BARNYARD MILLET.



This wonderful and valuable new forage plant was introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experiment Station. It has proven an enormous yielder in all sections of the United States; hay and fodder of most excellent quality on any soil, yielding 8 to 10 tons per acre and growing from 5 to 7 feet in height.

Cattle and horses eat it greedily.

The accompanying cut is from a photograph of a bunch that was raised on our farm. We found it very satisfactory in every way.

Sow in May and June broadcast 10 to 15 lbs. per acre (it stools remarkably), or in drills, 8 lbs. per acre.

Price, per pound, 9c.

Per 13 pounds, \$1.00.

If sent by mail, add eight cents per pound for postage.

## GRAINS.

Prices subject to market changes. All inquiries for quotations will be promptly answered.

**Wheat, Spring Rye, Winter Rye, Barley, Oats, Silver Hull Buckwheat, Common Buckwheat, Indian Wheat or Rough Hulled Buckwheat.**

All our grains are selected expressly for seed, and are strictly pure and true.

All inquiries for quotations for grass seeds, grains, etc., will be promptly answered, and samples sent by mail when desired.

## WHITE VICTOR OATS.

This is one of the most productive varieties of oats ever introduced. The straw is very stiff holding the heavy head up well. It is early and the grains are large, plump and heavy. Plant grows to medium height, of vigorous growth, stools out well and yields an immense crop. They are pure white in color and are entirely free from rust and smut. Most oats raised last season were badly colored, but the White Victor Oats were white and handsome.

A change of seed oats is very necessary to a good crop. In making the change why not get seed of this choice new variety that will insure you an extra large crop.

Price: Postpaid, lb., 20c.; 3 lbs., 50c. By Express or Freight, pk., 25c.; bu., 90c.; 10 bu., lots, 80c. per bu. In lots of one bushel or over, there will be a charge of 15 cts., for bags; bags capable of holding 2½ bushels.

## DUNNING'S LAWN GRASS SEED.

This is a mixture of the different varieties of grass seed, which is best suited to this climate for lawns, grass plots, cemetery lots, etc., and selected with a view of suiting all soils and situations, and whether used in pastures or lawns, has invariably produced the best results. It must be remembered, however, that much of the fine appearance of our lawns depends upon regularity in mowing. If they are left too long in spring before the operation is begun, or if allowed to grow strong in summer, and, more especially, if not closely mown at the latest period in autumn, they become coarse, the stronger grass overgrowing the weaker and the best, the smoothness of the surface being destroyed, and ultimately the whole becoming patchy and unsightly. All lawns should also be regularly rolled, and, unless the subsoil be a porous, alluvial gravel, should also be thoroughly drained at their formation. A drain should be carried along at the bottom of each terrace slope, so that they may at all times be comfortable to walk upon. The seed may be sown in spring or fall, but, if sown in hot weather, a slight sowing of oats, which vegetates quickly among the grass, will serve to protect the springing grass. For forming new lawns, four bushels are required per acre, or about one quart to each square rod of land, which should be regularly and evenly distributed. Sixteen pounds to the bushel.

A liberal quantity of seed should always be used to insure the best results. Per pound, 25 cents. If sent by mail, add eight cents per pound for postage.

Per bushel of 16 lbs., by Freight or Express, \$3.50.

## ENGLISH LAWN FERTILIZER.

An Odorless Chemical Fertilizer for Lawns, Flower Beds and Kitchen Gardens.

This is a high-grade chemical fertilizer, especially prepared to promote the vigorous and healthy growth of luxuriant grass, enabling it to withstand rough usage and the protracted heat of summer.

Being free from weed seeds, and odorless, it is far superior to unsightly and strong smelling stable dressing for use on lawns and tennis courts.

Ten pound bags for 1,000 square feet .....	\$ .50
Twenty-five pound bags for 2,500 square feet .....	\$1.00
Fifty pound bags for 5,000 square feet .....	\$1.50
One hundred pound bags for ¼ acre .....	\$2.50



## IMMENSE CROPS WITHOUT FERTILIZERS.



Roots of Soy Beans, showing the nodules which collect the free nitrogen from the air and deposit it in the soil, thus making barren land productive, and after the first crop is harvested the ground is left richer and better for the next year's crop.

work—the farmer gets the profit. They save expense, reduce the work, increase the crop enormously, even make it possible to grow Alfalfa and other crops where they never would grow before.

The new way saves the cost of fertilizers, and is very easy to use. The germs come ready for use, in a form called Nitro-Culture. Nitro-Culture is put up in small dry packages you can put in your vest pocket. Simply add it to water, and sprinkle the water over the seeds before planting. The germs remain on every seed—live with it—increase about it—feed the roots when they start and keep on feeding them. They also enrich the soil by storing nitrogen in it, so that the second year's crop, whatever it may be, is increased from two to ten times.

The U. S. Department of Agriculture says: "It is worse than useless to attempt to grow any leguminous crop without being certain of the presence of the bacteria which enable the plants to fix free nitrogen. Certain regions are practically devoid of the right kind of bacteria, and unless some artificial means of inoculating the germs be resorted to the crop will be a failure."

## Price List.

Nitro-Culture, sufficient to inoculate the following seeds per acre, mailed to any address in the United States or Canada at the following prices:

Alfalfa .....	per acre, \$2.00
Red Clover .....	per acre, \$2.00
Crimson Clover .....	per acre, \$2.00
Japan Clover .....	per acre, \$2.00
Cow Peas .....	per acre, \$2.00
Garden Peas .....	$\frac{1}{2}$ acre, \$1.00
Sweet Peas .....	$\frac{1}{2}$ acre, \$1.00
Wax Peas .....	per acre, \$2.00
Soy Beans .....	per acre, \$2.00
String Beans .....	per acre, \$2.00
Vetch .....	per acre, \$2.00
Velvet Beans .....	per acre, \$2.00
Peanuts .....	per acre, \$2.00
Horse Beans .....	per acre, \$2.00
Lima Beans .....	per acre, \$2.00

Guaranteed to keep six months from date of shipment and can be used within that time.

Send for catalogue of Nitro-Culture which more fully describes this wonderful discovery.

A new, sure, and easy way has recently been discovered to make worn-out or poor land enormously productive without fertilizers and almost without expense. Plants need nitrogen—can't grow without it. Heretofore fertilizers have been needed to put nitrogen into the soil. Nitrogen is very necessary—is the most expensive part of fertilizers. The new way is easier, surer, cheaper—it is to let nitrogen gathering germs feed the plants.

The soil is full of air. Air is four-fifths free nitrogen. Think what limitless plant food, in the form of free nitrogen, the air contains. Right here the new discovery comes in. Plants can't extract nitrogen from the air, but there are germs that can. These germs have been discovered and are now being used for that purpose.

These germs, when put into the soil, fasten themselves to the roots of the plants, draw the free nitrogen out of the air, and feed it to the plants. That's the secret of the new way that is making many farmers rich. The germs do the



Specimen plants characteristic of uninoculated and inoculated field of Alfalfa, on farm near Bynum, Harford County, Maryland. The uninoculated plants turning yellow, though sown on ground richer and better than the inoculated field. Gain from inoculation with Nitro-Culture nearly 500 per cent. by weight.



## For All General Farming

are without doubt the best fertilizers in the world for producing the largest possible crops of Grass, Grain and Vegetables in the shortest time. The Bradley Fertilizer Co. manufacture fertilizers of **all grades** and for **all crops** and being the **largest manufacturers in the world** their facilities for furnishing all kinds of fertilizers and agricultural chemicals at the lowest prices are absolutely unequalled.

Their leading brands are

### BRADLEY'S SUPERPHOSPHATE.

Bradley's Superphosphate, the pioneer of the fertilizer industry in the United States, has been more extensively used than any other brand of fertilizers in the world.

From its unvarying quality and uniform condition, it has gained the name that more plainly bespeaks the estimate in which it is held among the farmers than volumes of praise—"the Old Reliable."

As it is a complete fertilizer, rich in available phosphoric acid, ammonia and potash, it can be used either with or without barnyard manure.

### BRADLEY'S POTATO MANURE.

**For Growing Smooth, Sound Potatoes of the Best Quality Without Barnyard Manure.**

Bradley's Potato Manure is in no sense a theoretical or experimental mixture, but is prepared from formulas, which repeated field tests have proven, will produce the largest crops of smooth, sound potatoes.

The universal testimony of leading farmers is convincing that it gives the best of satisfaction, and at a considerable saving in cost over many of the high-priced "special potato manures," whose alleged scientific combination is their principal claim to the farmer's patronage.

### BRADLEY'S COMPLETE MANURE.

**For Potatoes and Vegetables, Corn and Grain, Top Dressing Grass and Grain, with 10 per cent. Potash.**

These manures are the richest and most concentrated fertilizers sold, as has been abundantly proven by actual results in the field. They are manufactured from the very best plant-food material obtainable, combined in such form and proportions as long practical experience has proven will yield the largest crops of the best quality.

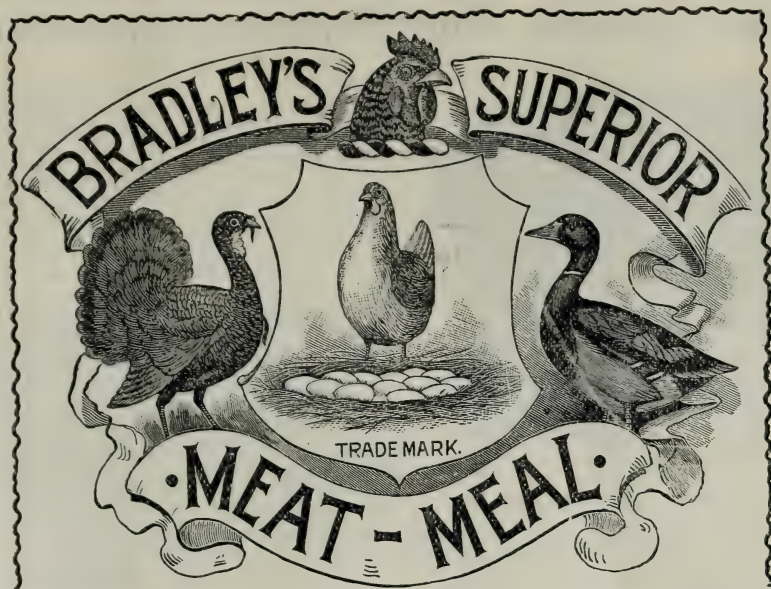
Bradley's Complete Manures are in the fullest sense "complete" fertilizers, and the three grades furnish complete plant food in the best forms for all crops grown.

Send to us for finely illustrated pamphlets, describing all of their brands, and let us quote you prices on these unequalled fertilizers before purchasing elsewhere.

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TO MAKE HENS LAY, FEED "BRADLEY'S SUPERIOR MEAT-MEAL."





IS BEYOND QUESTION THE BEST FOOD EVER MANUFACTURED for Hens, Turkeys and Ducks. Its continual use by the largest Poultry Raisers proves it is unequaled for quickly growing large-sized birds of fine flavor, and for producing **LARGE YIELDS OF SUPERIOR QUALITY EGGS.**

#### PRICES.

100 lb. bags,	Free on board cars in Bangor.....	\$2.50
50 lb. bags,	Free on board cars in Bangor.....	\$1.25
25 lb. bags, (trial size)	Free on board cars in Bangor.....	\$ .75

## MICA = CRYSTAL GRIT

For Poultry,

Pigeons,

Chickens,

Ducks, Geese,

Turkeys and

Birds.



In Coarse and

Mixed Sizes.

The only Grit containing the elements essential to the good health and egg-producing qualities of the feathered tribe.

PRICE: 100 lb. Bag, 75 Cents.

## The Cyphers Non-Moisture Incubators.

Free on Board Cars, Bangor, Me., at Factory Prices.



**No. 2. 220 Egg Cyphers Incubator.**

We, as agents for the Cyphers Incubators and Brooders, are authorized by the manufacturers to stand back of the foregoing guarantee in every particular and we hereby agree to do so. Under this arrangement all who purchase of us are insured ample protection. By special arrangement with the manufacturers, we are now in a position to sell Cyphers Incubators, F. O. B. cars, Bangor, Me., at factory prices, as follows:

No. 0, 60 egg size .....	\$12.00	No. 2, 220 egg size .....	\$24.00
No. 1, 120 egg size .....	\$17.00	No. 3, 360 egg size .....	\$30.00
Boys' Choice, 50 egg size .....	\$ 6.50	Farm-Economy, 100 egg size .....	\$10.00

The Celebrated, Genuine, Patented Cyphers Non-Moisture Incubators, of which we are authorized agents, are guaranteed by the manufacturers as follows: To hatch a larger percentage of fertile eggs; to produce larger and more vigorous chicks or ducklings; to operate with less oil and at less expense than any other make of incubator; to require no supplied moisture and to be self-ventilating; to have a more sensitive, accurate and durable regulator than any other make and to maintain a more even temperature; to be more strictly automatic in action and to give better results in your hands than any other make of incubator in the world.

Each and every genuine Cyphers Incubator sold under registered trade-mark, is positively guaranteed to do satisfactory work in the hands of the purchaser who will give it a fair trial, or it can be returned to us within ninety days, in good repair, less reasonable wear, and the purchase price will be refunded.

## Cyphers Unequalled Apartment Brooders.

Free on Board Cars, Bangor, Me., at Factory Prices.

Cyphers Brooders, like Cyphers Incubators, are correct in principle, durably made out of suitable material, fire-proof, guaranteed to be the best brooders on the market, regardless of price.

**Style A Out Door Brooder.** Next to its incubators, the Cyphers Company especially prides itself on its Three Apartment Style of A, Outdoor Brooder, which is pronounced by thousands of users to be the best brooding device invented thus far for indoor or outdoor use. The Style A brooder is 36x60 inches in size, has three apartments; one, under the hover, averaging 90 degrees in temperature; one outside the hover, averaging 80 to 85 degrees and a separate apartment averaging 70 degrees. This brooder has a tin roof and is heated by a Cyphers Safety Brooder Stove. It is wind-proof and storm-proof, and will last many years with reasonable care.



**Cyphers Style A 3-Apartment Outdoor Brooder.**

**Style B Indoor Brooder,** standard size, 36 inches square, for indoor use exclusively. Has two apartments, one warmer than the other, the chicks being at liberty to go from one to the other at will.

**Cyphers Sectional Brooders.** We supply these in three sizes: Two-section, three-section and four-section. Each section is standard size and suitable for 100 newly hatched chicks.

Like the Cyphers Incubators, we are able to offer the Cyphers Brooders at factory prices, F. O. B. cars, Bangor, Me., as follows:

Style A, Outdoor Brooder .....	\$12.00	2-section, Sectional Brooder .....	\$18.00
Style B, Indoor Brooder .....	\$10.00	3-section, Sectional Brooder .....	\$23.00
4-section, Sectional Brooder .....			\$28.00

**A Few Reasons Why You Should Purchase Cyphers Incubators and Brooders From Us.**

We save you freight inasmuch as our prices are F. O. B., Bangor, Me. Should you pur-



chase the same goods of the factory, the freight in every instance would add greatly to the cost.

We carry samples in stock at all times. You can, if you wish, call and see samples before placing your order, do your business face to face with us and not rely upon correspondence with dealers whom you do not know, hundreds of miles away.

We are thoroughly reliable, having been in business since 1835, and if we secure your business on incubators and brooders, we shall wish to have your business on poultry supplies, which follow the successful use of the incubators and brooders we are agents for, and we shall naturally use every endeavor to make you a satisfied customer.

If you are further interested in incubators and brooders, send 10 cents to pay cost of mailing 196 page, large main incubator and brooder catalogue, giving full description of the entire line of Cyphers' manufactures; 32-page descriptive circular and price list free.



## CYPHERS CHICK FOOD.

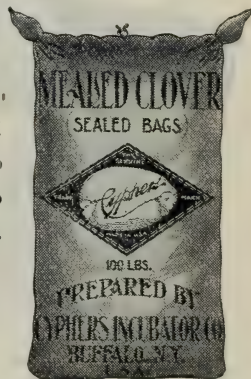
This is a complete, scientifically compounded food for young chicks. It is a mixture of 11 different grains and seeds proportioned so as to meet all the needs of growing chicks and to thoroughly nourish them. In compounding Cyphers Chick Food, the protein (or flesh and muscle forming element) is maintained high, the carbohydrates (or fat and heat forming elements) are reduced to their proper proportion and the ash (or mineral elements) is in sufficient amount to supply the needs of the rapidly growing bird. If chicks are to be developed into breeders, no other food is required for the first eight weeks.

Prices: 50-pound bag, \$1.50; 100-pound bag, \$2.50.

## Cyphers Mealed Clover.

This is the best form of clover for use in mash food for small chicks, the meal being ground just coarse enough to give bulk to an otherwise soggy mash and thus allowing the gastric juices to become mixed with the food and to assist in thoroughly digesting it. Mealed clover contains the entire food plant—nothing is removed.

Prices: 50-pound bag, \$1.10; 100-pound bag, \$2.00.



## Cyphers Lice Powder.

In offering Cyphers Lice Powder, we present a powder that we believe to be stronger than any other preparation sold for the purpose. It is carefully compounded and contains no chemicals that will injure the fertility of the eggs or prove dangerous to newly hatched chicks. It is clean to handle, safe and easy to use. It will positively kill lice on poultry, cattle and horses; ticks on sheep and fleas on dogs.

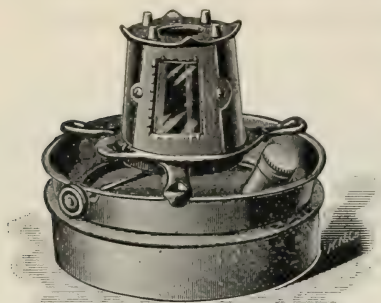
### Prices.

15 ounce package, 25c.; postpaid ..... 40c.  
48 ounce package, 50c.; postpaid ..... \$1.00.

## Egg Stimulant.

Cyphers Egg Stimulant is a tonic and condition powder for promoting the general health. It is a condition, not a food. As a gentle stimulant of the productive organs of the fowl resulting in an increased production of eggs, this preparation has no equal. Pure drugs only are used in its manufacture, and harmful results positively will not follow its use. Each box contains enough to treat two bushels of food. Put up in one size package only.

Price ..... 25c. Postpaid ..... 35c.



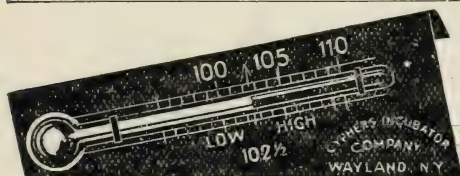
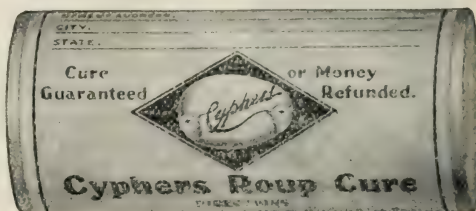
## Cyphers Brooder Stoves.

These stoves positively have no equal. They furnish twice as much heat as the ordinary brooder lamp. The safety water pan on the Cyphers Safety Brooder Stove holds nearly a quart of water and extends out over the entire surface of the oil bowl, removing all danger of overheating the oil. Just the stove for use in home-made brooders. Height, 7½ inches; greatest width, 10½ inches.

Price of stove complete and ready for use, \$1.25.

## CYPHERS ROUP CURE.

This remedy is positively guaranteed by the manufacturers to cure roup in all its forms. It is simply put in water and the chick takes its own medicine. It prevents and cures cold and is unequalled for canker, especially in pigeons. No poultryman can afford to be without Cyphers Roup Cure. Price, 50c. Small size package makes 25 gallons of medicine.



SPECIAL RECLINING THERMOMETER.

## The Cyphers Reclining Incubator Thermometers.

These thermometers are thoroughly and expertly tested before leaving the manufacturers.

PRICE, 60c.

Cyphers Brooder Thermometers.

PRICE, 45c.

## THE ECLIPSE LEG BANDS.



No. 1.

No. 2.

No. 3.

No. 4.

No. 5.

No. 1 for Bantams and small Mediterraneans. No. 2 for Mediterraneans. No. 3 for American females. No. 4 for American males, Asiatic females, small turkeys. No. 5 for Asiatic males and turkeys.

The band is light and neat and will stay on. They are so made that when properly adjusted they cannot come off. They are made from polished aluminum and will not tarnish. Those who prefer a flat band will find them superior to anything on the market, while the price places them within the reach of everybody.

Prices: 20c per 12; 35c per 25; 60c per 50; \$1.00 per 100.

## P. D. Q.

Sure death to Fleas and Lice on Plants, Dogs, Cats and all Animals, as well as on Poultry.

Price, 15 ounce Box, 25c Postpaid 40c.

## Lambert's Death to Lice.

A disinfective remedy for all kinds of Poultry Vermin, Lice on Horses, Cattle, Swine or Plants, Fleas on Dogs, Ticks on Sheep, etc. Perfectly harmless to human and animal life.

Price 25c. Postpaid 40.

## Opal Nest Eggs.

Price, per dozen, .....30c.



# POULTRY SUPPLIES.



## RUST'S

### Havens' Climax Condition Powder

For the prevention and Cure of Gapes,  
Fowl Cholera, Diarrhoea, Indigestion,  
Catarrh, Debility, Liver Diseases,  
Rheumatism, Etc.

13 ounce package.....	25 cents
32 ounce box.....	50 cents
5 pound box.....	One Dollar

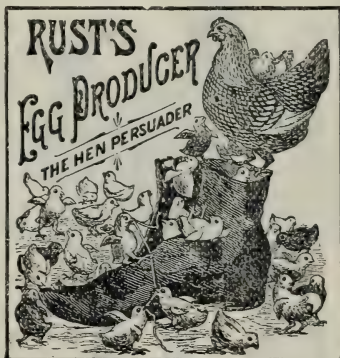
## RUST'S EGG PRODUCER.

This Preparation Supplies Just What  
Nature Needs FOR PRODUCING

**EGGS,  
PLUMAGE,  
GROWTH and  
DEVELOPMENT**

and in the exact proportion required.

1 pound box.....	25 cents
2½ pound box.....	50 cents



### Rust's Havens' Roup Pills.

These pills act directly on the glands and mucous membrane, allaying all tendencies to fever and carrying off all morbid matter from the system. Per box of 48 pills, 25 cents.

### Sheridan's Condition Powder.

Price per package, 25 cents; 2 lb. can. \$1.00

### Bradley's Superior Meat-Meal.

See page 39.

### Mica Crystal Grit.

See page 39.

### Cracked Poultry Bone.

100 pound bag.....\$2.50

### Bone Meal for Poultry and Cattle.

100 pound bag.....\$2.50

### Ground Meat Scraps.

100 pound bag.....\$2.75

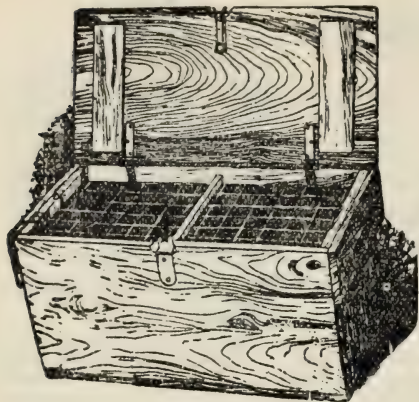
### Ground Oyster Shells.

100 pound bag.....\$ .60

### Clover Meal.

50 pound bag.....	\$1.10
100 pound bag.....	\$2.00

## QUEEN CITY EGG CASES.



The Most Popular Egg Case in the  
Market, with Patent Hinge  
and Fastener.

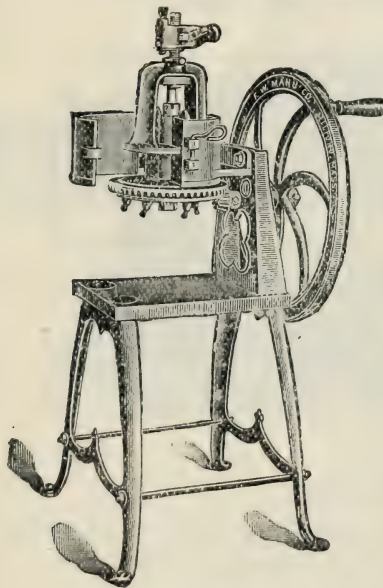
### PRICES COMPLETE.

56 dozen	.....\$1.35
49 dozen	.....\$1.25
30 dozen	.....\$1.10
15 dozen	.....\$ .85
8 dozen	.....\$ .65

### FILLINGS.

56 dozen	.....\$ .65
49 dozen	.....\$ .60
30 dozen	.....\$ .50

## MANN'S GREEN BONE CUTTER.



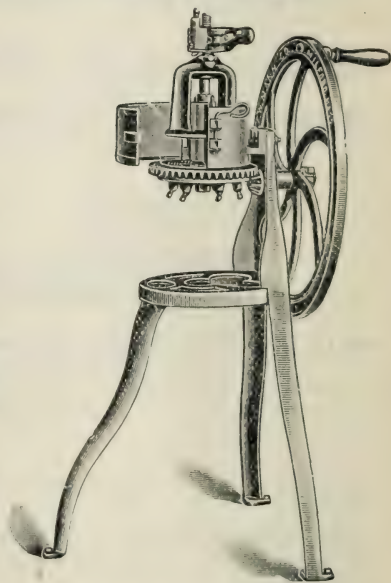
No. 9. Weight 163 Lbs.

The most successful hand or power machines on the market for cutting green bones.

No. 7, weight 107 lbs., price, .....\$12.00

No. 9, standard size, weight 163 lbs., price, .....\$18.40

No. 11, combined hand and power, weight 215 lbs., price, .....\$26.00



No. 7. Weight 107 Lbs.

## No. 5 Crank Bone Cutter.

A Grand Good Bone Cutter for a Little Money.

This cutter is designed expressly for small flocks. It is strong and durable and greatly superior to any other bone cutter for the price. Cuts any kind of bone, hard, dry or green.

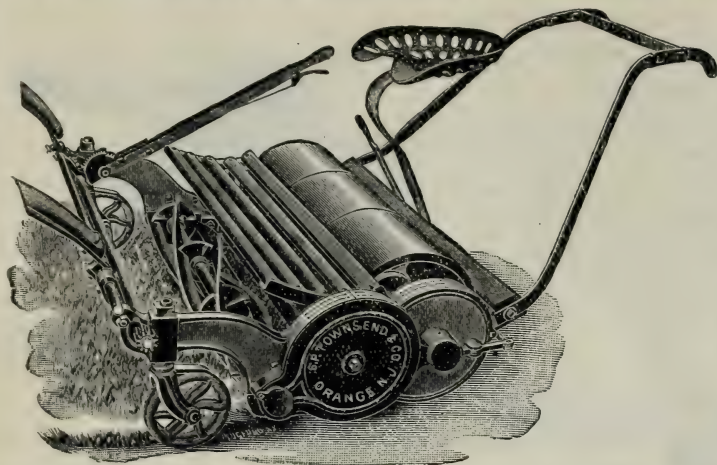
### PRICE LIST.

No. 5 C, with Crank, weight 30 lbs.	.....\$6.00
No. 5 B, with Balance Wheel, weight 55 lbs.	.....\$8.00





# The Townsend Horse Lawn Mower.



This mower has triple ratchet. Can change the height of cut instantly. The driver has perfect control of the blades; it can be thrown out of gear without stopping the horse.

## PRICES.

30 inch.....\$65.00

38 inch.....\$75.00

Send for descriptive circular.

## "Victory" Lawn Mower.

This machine has Ball Bearings of the very highest grade, which reduce the friction astonishingly and render it possible to use much wider machines than heretofore.

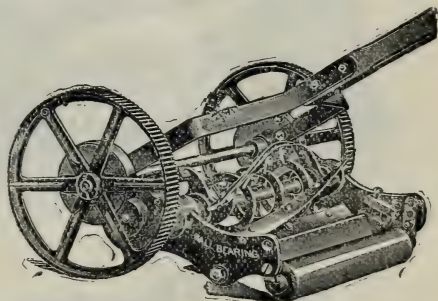
Triple gear entirely enclosed, so that no dirt or cut grass can find its way into the pinions and clog them.

The adjustments are the simplest, most perfect, and most positive.

These mowers are high speeded and have a four bladed reel, which leaves the lawn with a very smooth and velvety surface.

Width of Cut.

14 inches.....	10 inch wheel.....
16 inches.....	10 inch wheel.....
18 inches.....	10 inch wheel.....
20 inches.....	10 inch wheel.....



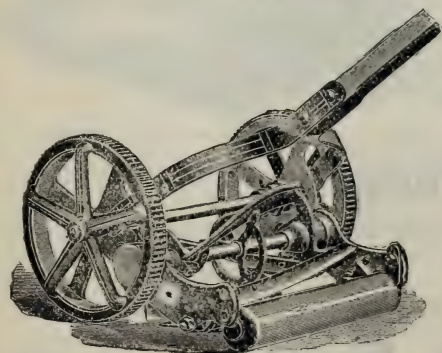
Manuf'r's Price.

R.B.D. & Co.'s Price.

\$20.00	\$ 8.00
\$22.00	\$ 9.00
\$24.00	\$10.00
\$26.00	\$11.00

## "SPIDER" LAWN MOWER.

WITH BALL BEARINGS.



The Spider Mower is light and strong, and glides over the lawn lightly, easily and almost noiselessly; reminding you strongly, as it nips off the grass, of the vigorous action of the ferocious and cunning little insect whose name it bears. This machine has finely adjusted, high grade ball bearings, which greatly reduce the friction and render it possible to use much wider machines than heretofore with parallel bearings.

Has two pawls in each pinion, making the machine much more positive and durable. The reel is four bladed and high speeded, which leaves the lawn with a very smooth and velvety surface.

Width of Cut.

14 inches.....	.9 inch wheel.....
16 inches.....	.9 inch wheel.....
18 inches.....	.9 inch wheel.....

Manuf'r's Price.

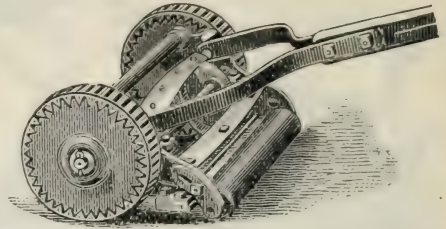
R.B.D. & Co.'s Price.

\$20.00	\$7.00
\$22.00	\$7.50
\$24.00	\$8.00

## The Thomas Lawn Mower.

A very durable high grade mower. Its construction is of the best, simple of adjustment, fine finish and lightest draft.

Width of Cut.	Manuf'r's Price.	R.B.D.&Co.'s Price.
14 inches.....	\$17.00	\$4.00
16 inches.....	\$19.00	\$4.50
18 inches.....	\$21.00	\$5.00



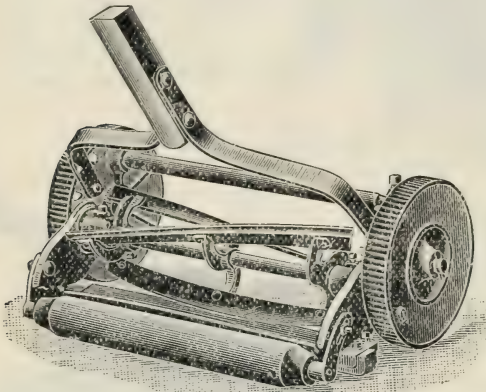
## The Sterling Lawn Mower.

Medium Priced But Good.

This Mower is made with an open reel, with three knives,  $7\frac{1}{4}$  inch wheels.

The draft is very light and runs readily and easily with a boy or man pushing it.

It is made of the finest material, has fine workmanship on it, nicely finished and is a thoroughly good Mower.



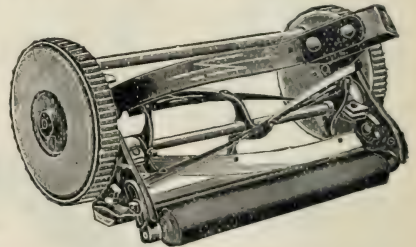
Width of Cut.	Manuf'r's Price.	R.B.D.&Co.'s Price.
14 inches.....	\$17.00	\$3.50
16 inches.....	\$19.00	\$4.00
18 inches.....	\$21.00	\$4.50

## The Bangor Lawn Mower.

This mower is manufactured for the purpose of meeting the demand for a low priced mower. The material workmanship and finish is first-class.

A good mower for the money.

Width of Cut.	Price.	Width of Cut.	Price.
12 inches.....	\$3.00	16 inches.....	\$3.50
14 inches.....	\$3.25	18 inches.....	\$3.75



## Grass Shears.

For trimming the grass along the edges of walks, etc., and in places inaccessible for the Lawn Mower.

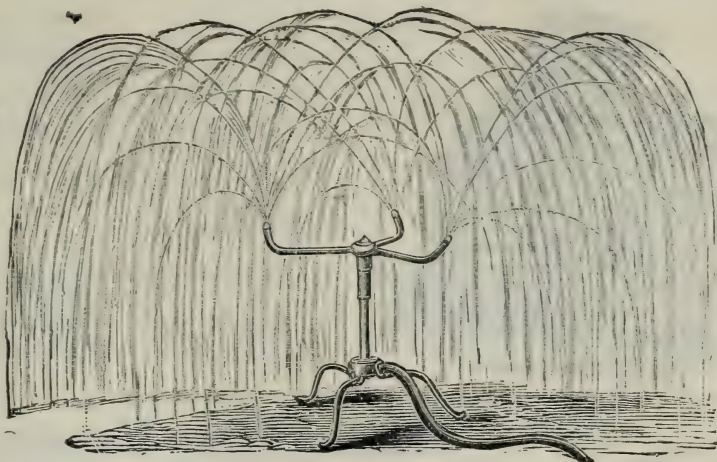
Price .....25 cents.

## Hand Lawn Rollers.

Write for Sizes and Prices.



# Crescent Wolverine Lawn Sprinklers.

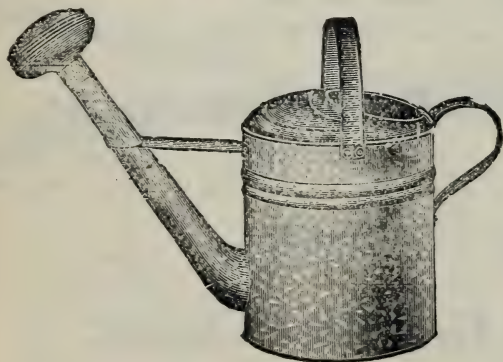


Stands 15 inches from the ground. Throws a beautiful spray from 10 to 25 feet, according to the pressure.

Price, Brass, \$1.25

Price, Nickerled, \$1.50

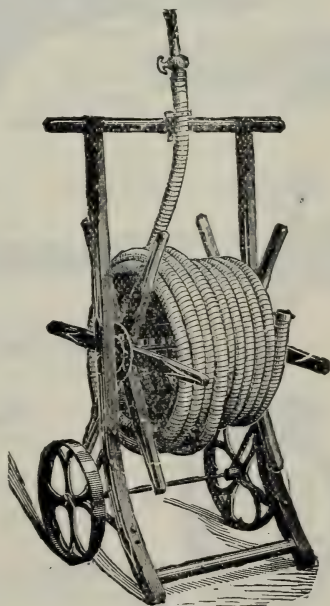
## Water Pots.



Made of heavy galvanized iron, will not rust and wear out as the cheap tin sprinklers do. These sprinklers have movable heads which screw on; there is no joint in the tube and no leaking. Heads easily removed to cleanse the holes.

### PRICES.

4 quart 40c	8 quart 60c
5 quart 45c	10 quart 70c
6 quart 50c	12 quart 80c
16 quart 90c	



### HOSE REEL.

This Reel will carry 100 feet of 3-4 inch hose. It is made of white ash. Nicely painted vermilion red and varnished. Very strong and durable.

Price, \$2.00

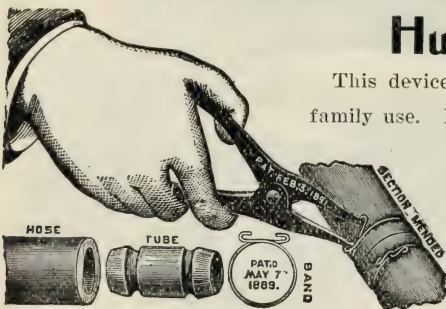
## Garden and Lawn Hose.



We carry a full line of garden hose in 1,  $\frac{3}{4}$  and  $\frac{1}{2}$  inch, both in Rubber and Cotton, suitable for ordinary or heavy pressure. All of our hose is warranted and is sure to give satisfaction.

We also carry steam hose.

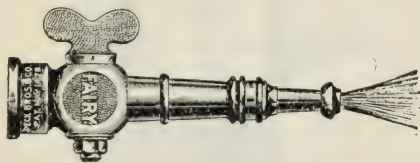
Prices furnished on application.



## Hudson Hose Menders.

This device is put up in boxes and is especially adapted for family use. It is made up in two sizes, for  $\frac{1}{2}$  inch and  $\frac{3}{4}$  inch hose. Each box contains 1 pair pliers, 6 tubes and 20 bands. The pliers are made of refined iron, nicely japanned. The tubes are of sheet brass and the bands are of best malleable brass wire.

Price per box 1-2 or 3-4 inch, 75 Cents.



## Fairy Hose Nozzle.

The best form of combination Hose Nozzle, throwing either a straight stream or spray.

Price, Brass, 75 Cents.

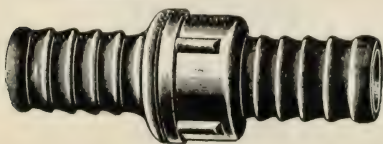
Price, Nickerled 85 Cents.



## Sure Grip Hose Clamps.

These clamps are made of wrought steel and are very simple in construction. Anybody can apply them and they will not leak.

Prices:  $\frac{1}{2}$  inch, 4 cts.;  $\frac{3}{4}$  inch, 4 cts.; 1 inch, 6 cts. each.



## Hose Couplings.

Prices:  $\frac{1}{2}$  inch, 15 cts.;  $\frac{3}{4}$  inch, 15 cts.; 1 inch, 25 cts.



# STANDARD TREE PRUNER.



It does not crush the wood like the thick bladed shears.

It is the lightest device made for the purpose.

It will cut larger wood than any other device that is practical to handle.

It will clip the slightest twig on the extreme end of the limb.

It will reach higher than any other.

## PRICE LIST.

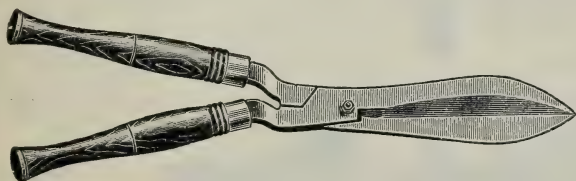
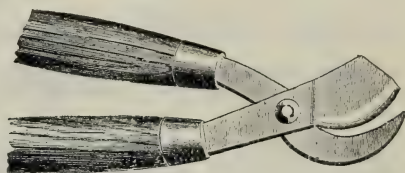
8 feet, \$1.00    10 feet, \$1.00    12 feet, \$1.10

## Rockdale Pruners.

For cutting large branches; very strong and of finest quality.

### PRICES.

24 inch Handle .....\$ .85  
41 inch Handle .....\$1.00



## Hedge Shears.

5½ inch .....\$1.50  
7 inch, notched for cutting  
limbs .....\$2.00  
9 inch .....\$1.75

## PRUNING SHEARS.

No. 0.....25 cents.  
No. 33.....50 cents.

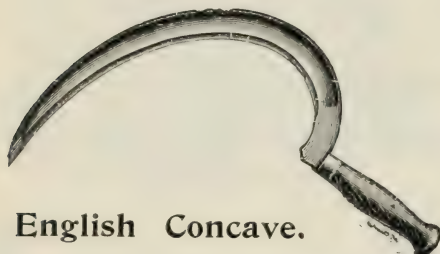
## STRAPPED EYE BUSH HOOKS.



PRICE, = = = \$1.00.

The  
Lightning  
Hay  
Knife.

Solid Steel. Price \$1.00.



English Concave.

ENGLISH CONCAVE  
**GRASS HOOKS**

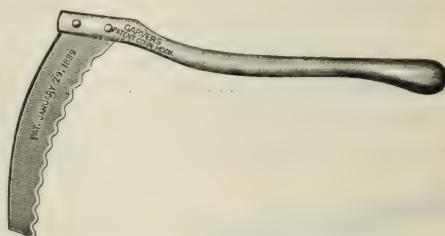
The Best Grass Hook Made.

Price .....50 cents  
Common Grass Hooks .....25 cents

**Serrated Edge  
Corn Hooks.**

Made of specially selected spring steel and carefully tempered. One of the best tools for cutting corn ever put on the market. The serrated edge makes it cut very easy, and the correctly shaped handle makes it very convenient and easy to use.

Price .....50 cents.



**Post's Improved Eureka Sap Spout.**

With Patent Air Trap.

This is the only Sap Spout that is made on strictly scientific principles. They are the most simple, durable and economical. They apply to the tap hole in the tree firmly and without leakage or breakage and obstruct no pores of timber.

Price, per hundred, regular size .....\$1.75

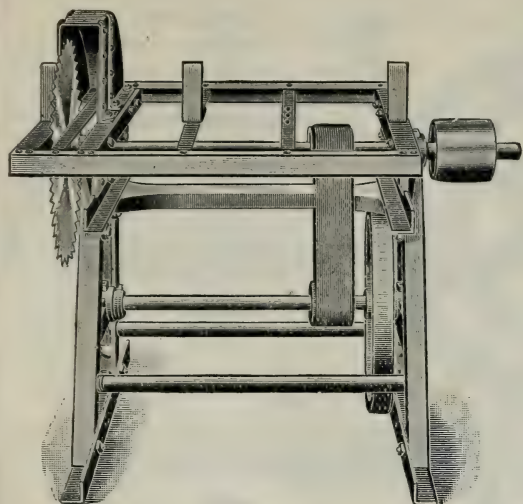
Price, per hundred, short size .....\$1.50

**Ruddy Harvester Oil.**

A perfect lubricant for all kinds of Farm Machinery, Threshing Machines, Wind Mills, etc.

Price, per quart can .....30 cents. Price, per gallon .....75 cents.





## Slide Table Steel Frame Wood Saw.

This saw has the balance wheel below the table, so as to admit of Pole Sawing. It is built of heavy steel and iron, is strong and durable and a great favorite with all who use it.

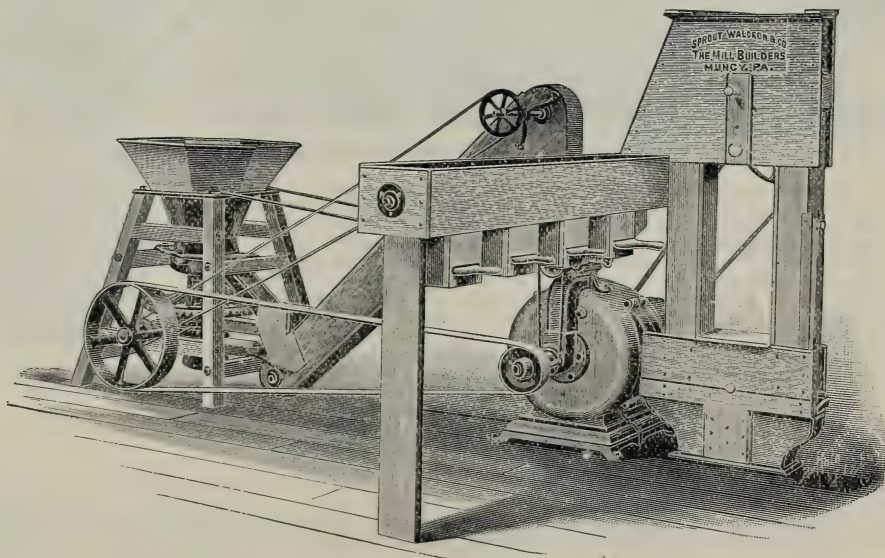
Being made of steel, it is lighter than a wood frame, which makes it much easier to handle.

Write for prices.

## Swing Table Steel Frame Wood Saw.

The frame is made entirely of steel, and is strong, light and durable. The balance wheel is below, out of the way of work to admit of pole sawing. It is the neatest Swing Table Saw out. Write for prices.

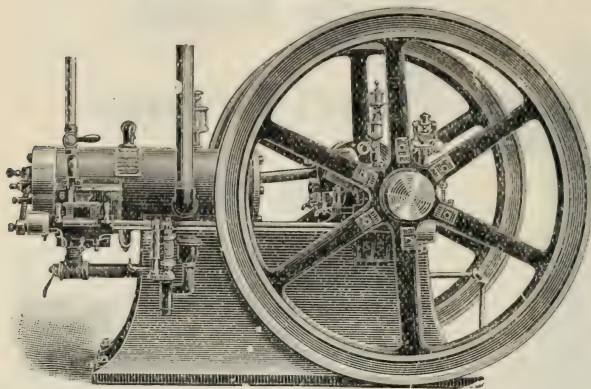
## Monarch French Burr, Feed and Meal Mills.



Above outfit consists of Monarch French Burr Mill, combined with Elevator and Bagger and Corn and Cob Crusher.

Send for descriptive catalogue and prices.

### Fairbanks Horizontal Gasoline Engine.



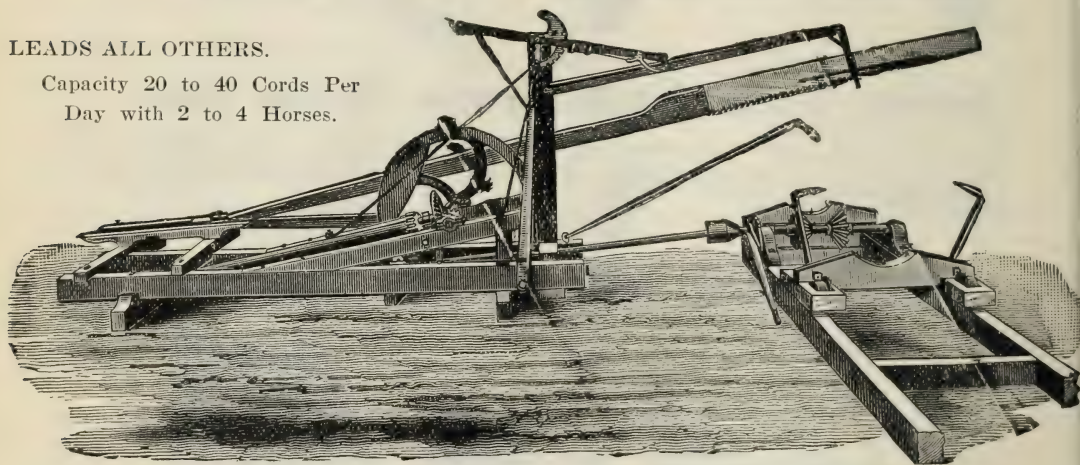
The Fairbanks Engine is extremely simple in construction and operation, both from a mechanical and a practical standpoint; the impulse being accomplished with a minimum of fuel consumption and loss of energy, the governor mechanism assuring consumption of fuel only when required, making an overcharge of fuel practically impossible. The governor and ignition mechanisms are designed to perform their respective functions with the smallest possible amount of the friction (with its consequent loss of energy) which in many engines is so fatal to economy. Send for catalogue and prices.

### The Champion Self-Feed Drag Saw Machine.

LEADS ALL OTHERS.

Capacity 20 to 40 Cords Per

Day with 2 to 4 Horses.



### The Reasons Why This Machine Will Please You.

The operator can raise saw with one hand and throw self-feed in gear with the other, thus changing and setting for a new cut with no stopping of team or slowing of motion whatever. The self-feeding machine moves the log automatically along the carriage; while with an old style hand-feed machine the log must always be moved by hand. The main length of our log carriage is 12 feet, and the length which attaches on is 8 feet, making together a splendid length of carriage.

We furnish a Disston champion-tooth saw, which has been found to give the best results and is absolutely satisfactory. It is 5½ feet long, 7x5 inches. No. 10 gauge.

It is operated with any kind of power—Tread power, Water-power, Wind-mill or Steam-engine, and can be run by either a belt or tumbling-rod.

The main shaft is 1½ inch steel in No. 1 machine, and projects sufficiently outside or beyond the frame of the machine, and is at such a height above the ground, that it gives an abundance of room for the belt-wheel, which is 24x4 inches.

The Pitman Boxes are so arranged that they are easily adjusted to compensate for any wear that may occur. All boxes are babbitted and are durable.

The stroke of saw can be adjusted to either 16, 20 or 24 inches.

Twenty feet of Log Carriage, Trucks, Rollers, Dogs, etc., are always furnished with this outfit.

Cuts faster, runs easier, wears better than any other Drag Saw-machine ever made.

No. 1 Self-feed Drag Saw-machine, including Log Carriage, Trucks, and all extras complete .....\$80.00 Weight 1,100 lbs.

No. 2 Self-feed Drag Saw-machine, including Log Carriage, Trucks, and all extras complete .....\$90.00 Weight 1,200 lbs.

No. 1 Machine is recommended for all ordinary farm or timber work.

No. 2 Machine has extra heavy Shafts and Boxes, otherwise same as No. 1; is recommended where extra heavy work is required, or if machine is to be driven by steam-power.





## WOOD SAWS.

Wide or Narrow Blades.

Prices from 50 cents to \$1.00.

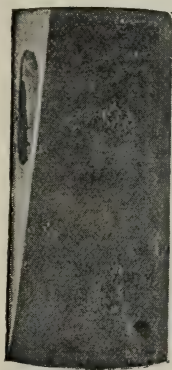
All of our best saws fully warranted.



## Pond Ice Saws.

### PRICES.

4	Foot Saws With Handle .....	\$3.25
4½	Foot Saws With Handle .....	\$3.50
5	Foot Saws With Handle .....	\$4.00



## AXES.

Sole Agents for the

**DAMON BROS.**

**Hand Hammered Warranted  
AXES.**

**MADE IN DAMASCUS, MAINE.**

### PRICES.

Maine pattern .....	\$1.00 each
Wedge pattern .....	\$1.00 each
Double bitted .....	\$2.00 each

## CAST IRON MAULS.

### WITHOUT HANDLES.

These mauls are made with an oval eye and a handle can easily be fitted to them. They are got up as a cheap maul for driving fence stakes, fence posts and like work.

### PRICES.

15 pound .....	60 cents
18 pound .....	72 cents
20 pound .....	80 cents



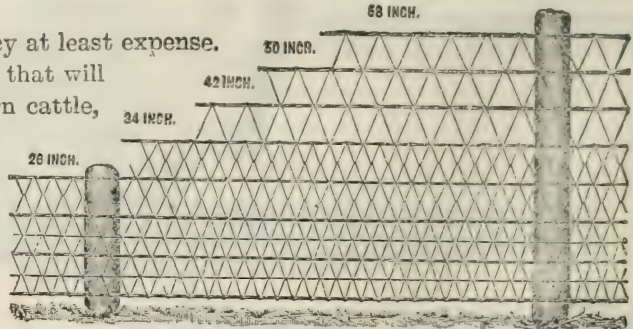
## AGENCY FOR THE

# ELLWOOD ALL STEEL Woven FIELD FENCE,

### POULTRY AND RABBIT FENCE, LAWN FENCE AND CRIB FENCE.

Absolute efficiency at least expense.

A practical fence that will positively turn cattle, horses, hogs and pigs. A fence that is strong, practically everlasting, proven thoroughly efficient under every possible condition.



ELLWOOD FIELD FENCE (Standard Style).

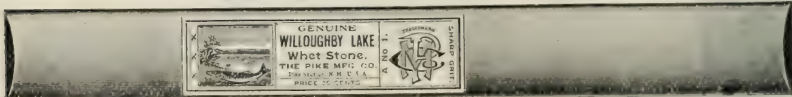
### EVERY ROD OF ELLWOOD FENCE IS GUARANTEED.

If you want your fencing problems satisfactorily solved, call and see the **ELLWOOD FENCE** and let us show you for how little money you can get absolute satisfaction.

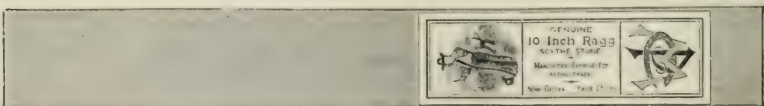
## SCYTHE STONES.



A round oval shaped stone of very sharp grit. Price 5 cents.



Bluish gray in color, fine sharp grit. Round oval in shape. Price 10 cents.



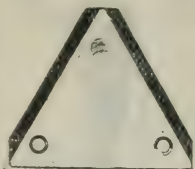
Flat, square finish, 1 1-3 inches wide by 3-4 inches thick. Fine sharp grit. Price 10 cents.



Flat octagon in shape; fine gritted and very sharp and fast cutting. Price 10 cents.



## SECTIONS.



We carry a full line of sections for all the leading mowers. In ordering be sure and mention size of section wanted.

Price.—Sections, any kind 5 cents each; per box of 25, \$1.00; rivets included.

## Knife Heads

for all the leading mowers



## Guard Fingers

for all the leading mowers.

## The Dollar Mower Knife Sharpener



Is the handiest and best tool for sharpening MOWER KNIVES. With it the sections can be ground back to the angle and the knife sharpened in the field. It is to the Mower Knife what the whetstone is to the scythe. No water required. Will not glaze. Saves its cost in one day's use.

Price \$1.00. Extra Stones, 40 Cents.



Iron Frame  
Iron Sheave Pulley.  
Price 25c



Iron Frame  
Maple Sheave Pulley.  
Price 25c



Wrought Iron  
Floor Hook.  
Price 15c



Steel Grapple.  
Price 50c

Pure Manilla Rope for Horse Forks at Lowest Market Prices



Double Harpoon  
Horse Pitchfork.  
Price, \$1.25

We have extra large Double Harpoon Forks for handling straw or light hay, if desired.

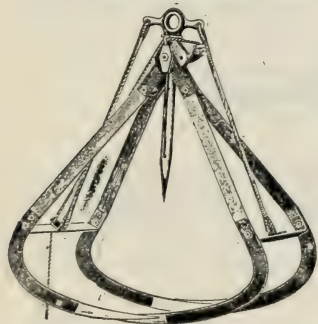
Write for prices.



Single Harpoon Horse  
Pitchfork,  
Walker Pattern,  
Price, 1.50



Single Harpoon, Horse  
Pitchfork, Nellis Pattern,  
Price, \$2.50



## Grapple Horse Pitchfork.

These forks are made from the best quality of spring steel and highly finished.

They never fail to give satisfaction.

Price of Four Tine .....\$5.50.

Price of Six Tine .....\$6.00.

## The Sampson Mounted Grindstone.

Mounted With Specially Selected Stone.

This frame is made of seasoned hardwood. The legs are securely gained into the side pieces and the ends are in one piece. Two bolts at each end pass through the entire frame from side to side. The ends of the side bars are neatly turned to serve as handles.

The "SAMSON" being strongly braced and bolted stands absolutely solid. It is one of the strongest and most showy frames made.

No. 1. Stone from 28 to 30 inches in diameter, \$3.75.

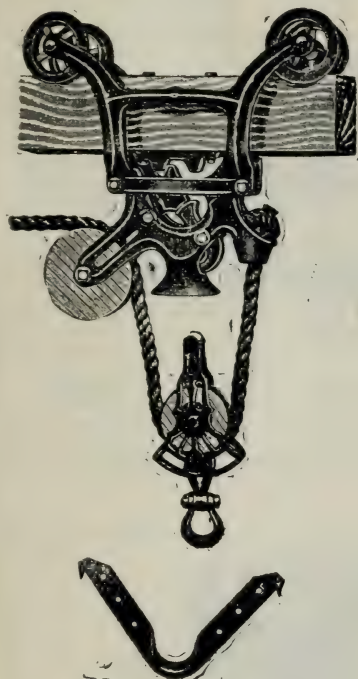
No. 2. Stone from 24 to 26 inches in diameter, \$3.50.

When not otherwise ordered, we ship Mounted Grindstones knocked down. If desired set up, it should be so specified.





## Ney's Swivel Reversible Wood Track Hay Carrier.



**Rafter Bracket for Wood Track.**  
75 Cents Per Dozen.

### For 4 x 4 Wood Track.

This carrier is made entirely of malleable iron. All wheels revolve on turned iron bushings. Most simple lock ever devised; contains no springs, lugs or pins to break or wear out. Will not pass the trip block while in operation. The most convenient Reversible Carrier on the market.

**Price, \$4.00**



**Track Hanger for Wood Track.**  
\$1.00 Per Dozen.

## Ney's Swivel Reversible Steel Track Hay Carrier.

This carrier possesses advantages as a reversible carrier that cannot be found in any other machine. It will not pass the Bumper or Trip-Block while in operation, has the most simple lock of any carrier yet produced. The lock is positive and the load is held sure and cannot fail to work perfectly.

Price of Carrier .....\$4.50.

Price of Steel Track, per ft...\$ .12.

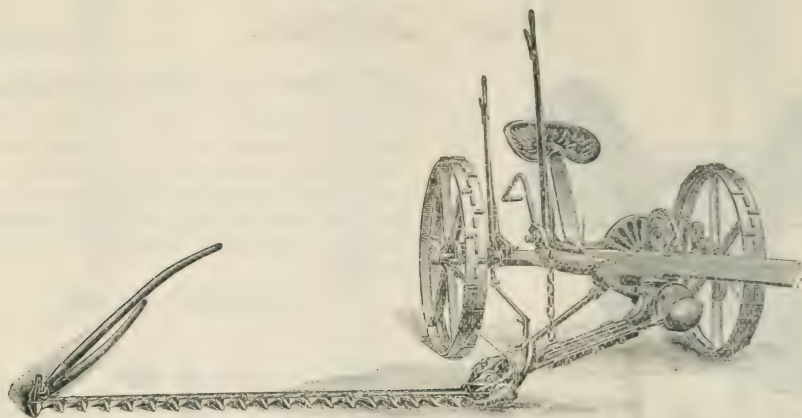
Track comes 6, 8 and 12 feet lengths.

Rafter Brackets for steel track.....75 cents per dozen

Track Hangers for steel track.....\$1.00 per dozen



## THE WORCESTER BUCKEYE MOWER.



New Standard Gear.

Light draft, very simple in construction, and of extraordinary strength and durability. Send for descriptive catalogue and price list. We carry a complete line of repairs for the Worcester Buckeye mower.

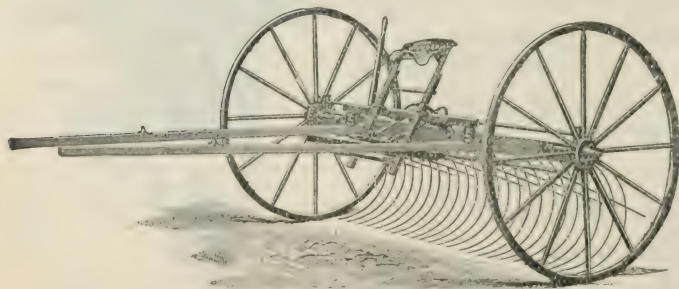
## Bullard's Improved Hay Tedder

The Bullard Improved Hay Tedder having been submitted to the severest test of field work, is admitted to be the only one yet offered to the public that will thoroughly spread long, heavy grass, taking it up from the bottom, tossing it gently into the air, and leaving it light upon the ground for free access of sun and air.

Price on Application.



## WORCESTER HORSE RAKE.



It is made from right principles, simple, strong, durable and reliable. Will rake the roughest places as well as smooth ground.

It is so easily managed that a boy can run it as well as a man.

Price on Application.



## NEW YORK CHAMPION HORSE RAKE.

The New York Champion Rake  
Has Many Imitators, But  
No Equals.

### Why It Takes The Lead.

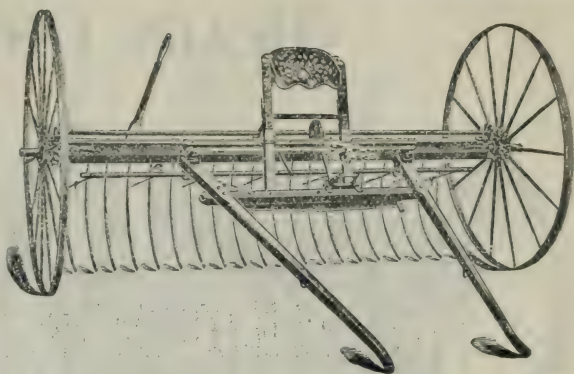
It has our patent tooth to prevent scratching.

It has no springs to get out of order.

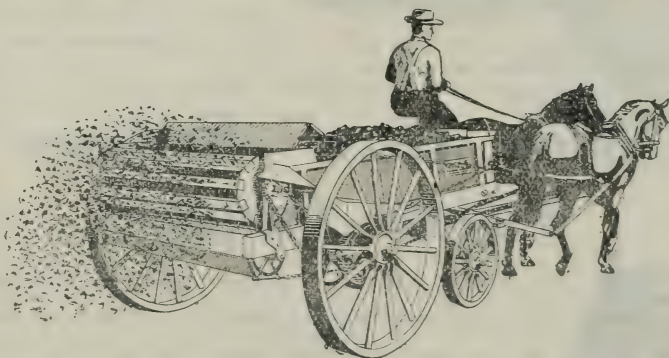
It produces no jar on the thills when dumping.

It is so easily managed that a boy who can drive a horse can use it as well as a strong man.

Every rake warranted. Write for prices.



## Worcester Kemp Manure Spreader.

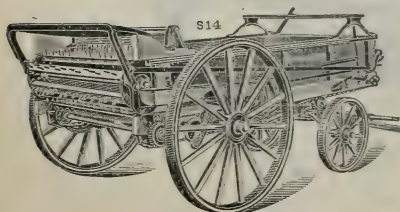


It will evenly and thoroughly distribute all kinds of manure found upon the farm, from the roughest and toughest down to the finest, including ashes, lime and fertilizers, in all conditions, wet or dry, and the time required to spread a load is from one and one-half to two minutes, without manual labor.

It is regulated to put out different quantities to the acre. The farmer may know exactly how much manure he is using without the trouble of measuring his field and his manure pile. It can be accurately regulated to spread any number of bushels of ashes or lime to the acre.

Send for Descriptive Catalogue and Prices.

## The Standard Manure Spreader.

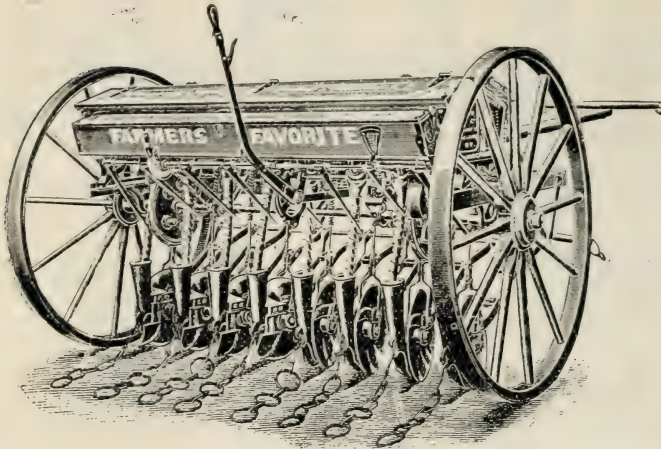


To be of value, manure must change to liquid form quickly. It must therefore be cut into fine pieces and distributed uniformly. A spreader which frequently throws out bunches and does not keep up to an even width, will not give the purchaser as full value and quick returns as he will obtain from the Standard.

This spreader is very durably built and simple in construction.

Send for Descriptive Circular and Prices.

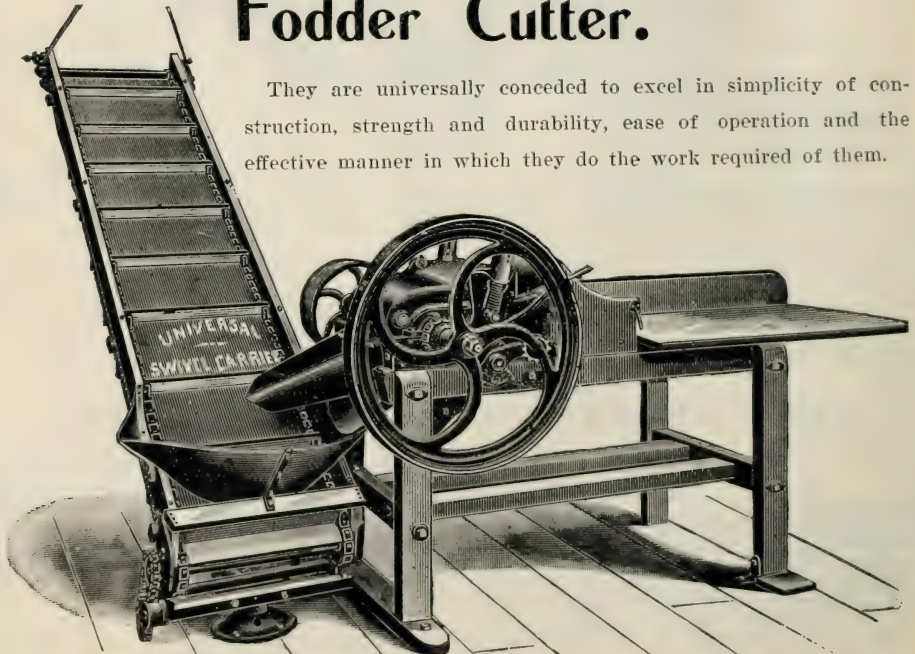
# THE FARMER'S FAVORITE GRAIN DRILL.



Sows Fertilizer, Grain and Grass Seed all at one operation. It drills the grain and fertilizer in rows seven inches apart. The fertilizer is dropped in the same drill with the grain which insures a much better crop of grain for the same amount of fertilizer, than in broadcasting. Grain planted with this drill will stand up much better, yield more and take less seed than in the old way. We have used one of these drills for the past two years on our farm and have found it very satisfactory. We have re-

ceived from 25 to 40 per cent. larger yield per acre and at much less expense in planting. Send for Descriptive Catalogue and Prices

# The "New Hero" Ensilage and Fodder Cutter.



They are universally conceded to excel in simplicity of construction, strength and durability, ease of operation and the effective manner in which they do the work required of them.

Send for Descriptive Catalogue and Prices.



# RACINE BROADCAST SEEDER



It will sow perfectly any quantity to the acre of all kinds of Grain, Wheat, Oats, Barley, Rye, Buckwheat, etc., or Grass Seeds, Clover, Millet, Timothy, Hungarian, etc. It will also sow Flax Seed, Hemp Seed, Peas, Corn and Fertilizers, in fact, anything which requires broadcasting, in a most satisfactory manner. It is the latest Wagon End Seeder on the market and superior to all others. It is heavier and stronger than any other seeder in use.

**Price \$9.00.**

Send for descriptive circular.

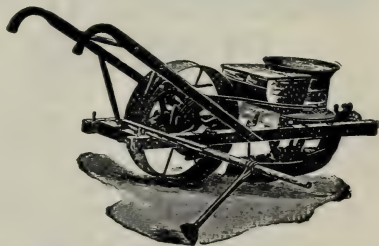
## THE "KING OF THE CORNFIELD."

**Corn Planter and Fertilizer  
Distributor.**

**Superior to all for Planting Field, Ensilage  
and Fodder Corn, Broom Corn, Beans,  
Peas, Beets and Other Seeds  
of Like Size.**

This Planter is perfectly adapted to every requirement; durable and simple in construction; not liable to get out of order, in consequence of its having no gears, chains or other complicated parts to break or wear out. Anyone can at once understand and manage it. An important feature in this planter is that none of the working parts, except the Drive Wheel, are in motion only at the instant the seed and fertilizer is dropped in the hill, then it remains still until the next hill is reached. Corn planted by this machine germinates much quicker and comes up much more uniformly than if planted by hand.

Circulars and Price List mailed on application.



## ECLIPSE CORN PLANTER AND FERTILIZER DISTRIBUTER

Plants Corn, Beans, Peas or Beet Seeds, in hills, drills or checks.

Circulars and Price List mailed on application.

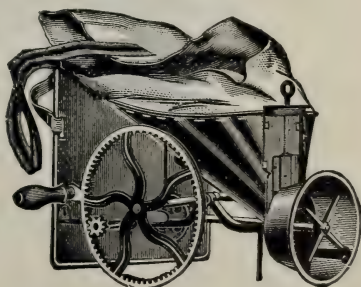


## Pierce's Improved Cahoon's Patent Broadcast Seed Sower

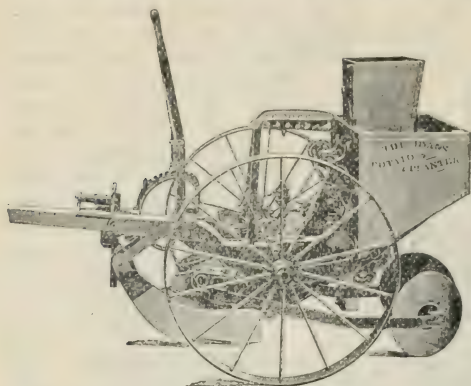
For sowing Wheat, Barley, Oats, Buckwheat, Rye, Grass Seed, etc. Sows from four to eight acres per hour, at a common walking gait, throwing out wheat about forty feet wide.

A person entirely unused to sowing by hand can use this machine with perfect success.

**Price \$3.50.**



## EVANS' POTATO PLANTER.



This is the most improved machine of its class on the market, being strictly up-to-date in every particular.

It is force-feed, is positive in its action, and will drop potatoes 10, 12, 14, 16, 18, 20, 28 and 36 inches apart.

The Fertilizer Attachment is a positive force-feed and any kind of fertilizer can be sown with it, at the rate of from 50 to 1,600 pounds to the acre.

Send for Descriptive Circular.

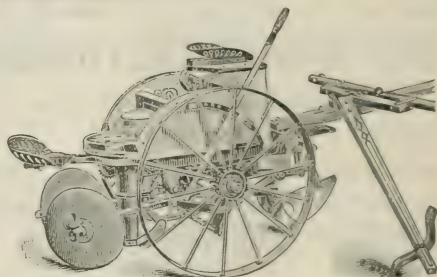
**Price \$65.00.**

## ROBBINS' POTATO PLANTER.

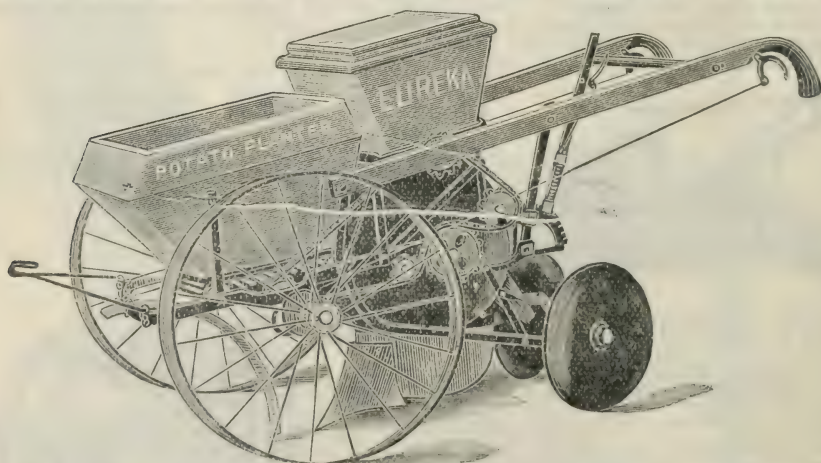
This planter is one of the most thoroughly constructed planters on the market. It is carefully made of the very best materials. Strong, durable and practical. Complete with fertilizer attachment.

Send for Descriptive Circular.

**Price \$65.00.**



## EUREKA POTATO PLANTER.



Requires but one horse and one man to operate it. It is light, strong and durable. Weight with fertilizer, 280 lbs. It can easily be drawn by one horse. Its capacity for sowing fertilizer is from 150 to 1,200 lbs. per acre. It plants seed at any required distance. The operator can see every seed dropped. It is cheap in price, excellent in work. A plow in front of shoe is thrown in or out of the soil by a lever at will of operator. This not only opens a deep furrow, but clears the ground for the shoe and makes a looser seed bed. Send for Descriptive Circular and Prices.





## Garden Trowels.

Stained wood handle, steel blade,  
Price 10 cents  
Japanned wood handle, steel blade,  
Riveted. Price, 15 cents

## Transplanting Fork.

Japanned wood handle, malleable tines.  
Price, 10 cents.

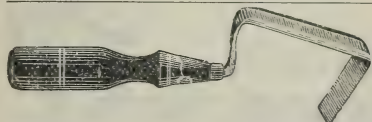


## EXCELSIOR HAND WEEDER.

Japanned wood handle, malleable tines,  
Price, 10 cents.

## Noyes' Hand Weeder.

Steel blade. Price, 25 cents.



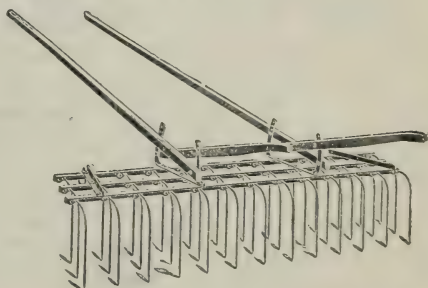
## Haseltine Patent Hand Weeder and Scraper.

Price, 25 cents.

## Standard Steel Frame Weeder.

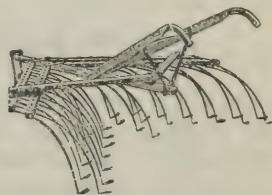
This weeder is well made, strong and durable. It has a set of runners, not shown in cut, which regulate the depth of cultivation. When the weeder is used on soft ground, and shallow cultivation is desired, the runners may be set so as to cultivate at the depth desired. They are also very useful in transporting the weeder to and from the field and from one field to another.

Price \$8.00.



## "The Keystone" Weeder.

Can be expanded to 7½ feet and narrowed to 30 inches.



Narrowed to 30 inches.

Expanded to 7 1-2 feet.

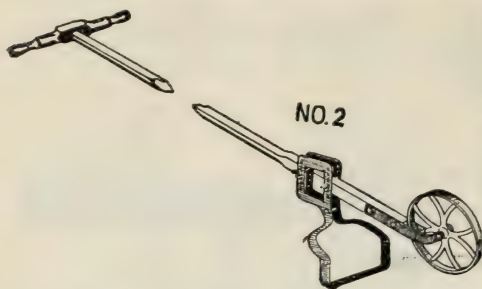
The "KEYSTONE" is the only Weeder that is adjustable to any depth and width. It can be used as a shallow cultivator—working close to the plants between the rows until the crops mature—long after other weeders are laid aside.

It has no shafts that will hinder working close to the fence.

IT WILL NOT CLOG—The long, curved, spring teeth are so placed and shaped that clogging is impossible.

It is V shaped, which not only makes it a stronger tool than the straight framed weeders, but adapts itself much better to uneven surface.

Price \$9.00.



## Fuller's Unique Wheel Hoe No. 2

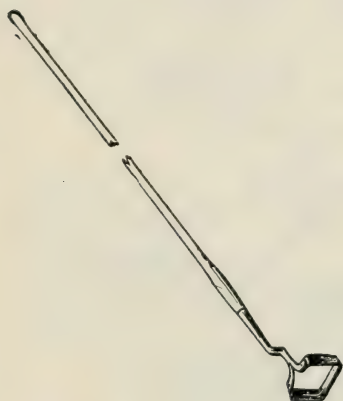
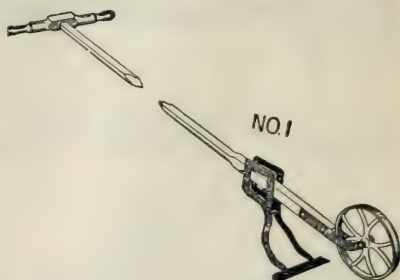
For closely planted crops, as Beets, Carrots, Onions, etc., this hoe is without an equal and can be used the entire season. Having only one wheel it runs between the rows without bruising the tops, and having no frame work it does not tear the growing plants on either side. The great feature of this hoe above all others is that it can be easily and quickly adjusted to any height or pitch desired by means of thumb nuts. The entire hoe weighs less than ten pounds and yet is a most practical tool.

Price \$2.50

## Fuller's Unique Wheel Hoe No. 1

For cutting over yards or avenues, walks and driveways in cemeteries and parks Fuller's Unique Wheel Hoe No. 1 stands far ahead of all other tools. It is light, strong and durable and does most satisfactory work where other hoes have failed. The steel blades are exceptionally hard and heavy so as to give little wear and great resistance. Being easily adjusted to any height or pitch, the long tedious work of the hand hoe is superseded by ease and facility.

Price \$2.50



## Fuller's Daisy Scuffle Hoe No. 4.

This scuffle hoe is far in advance of the common scuffle hoes on the market, in that it cuts both ways having both edges of the knife sharpened and the start pitched so that it cuts equally with a draw motion toward the operator as with a push from the one using the tool. The handles are of ash six feet long. Those who have used it like it very much for hoeing over small yards and short walks, for hoeing between rows of closely planted crops, where a quick stirring of the top soil is desired. It can be used wherever a scuffle hoe is commonly used, with much better results.

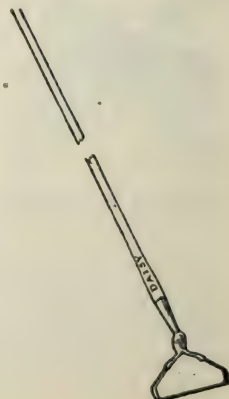
Price 60 Cents.

## Fuller's Daisy Scuffle Hoe No. 5.

No. 5 is a short handled scuffle hoe of very light, narrow steel for hoeing and thinning celery, lettuce and all similar crops. The handle is four feet long and the steel is of good quality and bent as seen on the accompanying cut, so that there will be no clogging. It can be used in various ways, so that the entire weeding can be accomplished easier and much quicker than by ordinary methods.

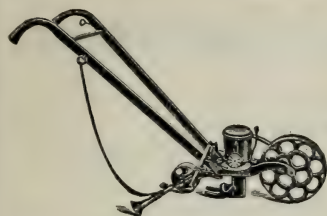
### PRICE

6 inch Blade.....	40 Cents
8 inch Blade.....	50 Cents





## Matthews' New Universal Gem Seed Drill.



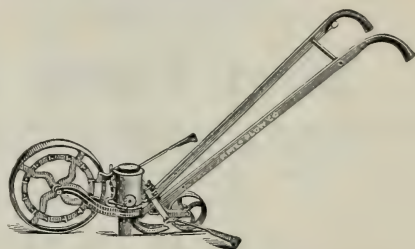
This has been perfected to meet the demand for a low price drill. It has all the essential qualities of the larger and more expensive drills, the Seed Dial and Indicator being made from exactly the same patterns.

Price \$5.00.

## Matthews' New Universal Garden Drill.

NONE BETTER CAN BE PRODUCED. Medals and testimonials confirming its superiority over all other Drills have been repeatedly bestowed upon it from all quarters, and as it has been improved from time to time, it is now everywhere acknowledged to be THE MOST PERFECT DRILL MADE. It has been many years in use and its still increasing sale is the best evidence of its merits.

Price \$6.50.



## Matthews' New Universal "Hill and Drill" Seeder.

This Seeder is the same as the Garden Drill with the exception that it has pins in the wheel, which serve as a means for securing the various dropping distances of 4, 6, 8, 12, 16, 24 and 48 inches apart, as well as for sowing continuously in drills.

Price ..... \$7.00.

## Matthews' NEW UNIVERSAL CONSTELLATION DRILL.

With Hoe, Cultivator, Plow and Rake Attachments.



This is the same as the Garden Drill, with cultivating attachments. It can be used either as a Double Wheel or Single Wheel machine and change can be readily made. We do not particularly recommend a two-wheel seed sower, as the nicer work may be accomplished by a one wheel machine. The two wheels are desirable, however, when used as a cultivator or wheel hoe, as in this way the rows of young plants may be straddled and the cultivating done on both sides of the rows at one passing.

Price \$8.50.

## New Universal Double Wheel Hoe, Cultivator, Plow and Rake.

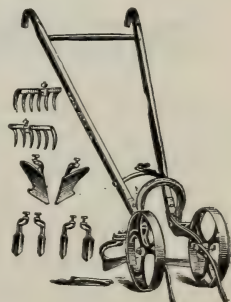
Specially Designed for Working Both Sides of the Row at One Passing.

This new hand implement embraces all the good points of older efforts in the same line, and in addition offers new features which can not fail of appreciation. The special recommendation is the ADJUSTABLE ARCH, by which not only the depth of work can be gauged, but which, by an ingenious device, enables the teeth to be pitched at any angle desired.

There are nine adjustments of depth. The attachments are: 1 pair Hoes, 4 Cultivator Teeth, 1 pair Plows, 1 pair Rakes and 1 pair Vine or Leaf Guards. Price \$5.25.

Price, with hoeing blades only, \$3.50.

Send for Descriptive Catalogue of the Universal Garden Tools.



## Syracuse Steel Frame Cultivator.



No. 81.

Standards Separable and Adjustable. Side Shifting Handles.

A Good Cultivator at a Low Price.

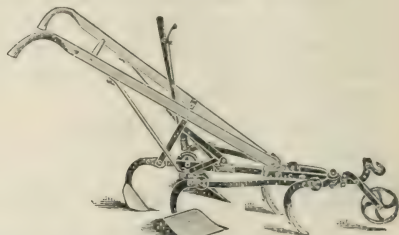
- No. 81.—Five 3-inch Points and Wheel (see cut) .....\$3.25
- No. 83.—Same as No. 81, with Wing Points and Shovel Point added .....\$3.75

## Steel Frame Lever Cultivator.

This is the Best Lever Cultivator Ever Put on the Market for the Money.

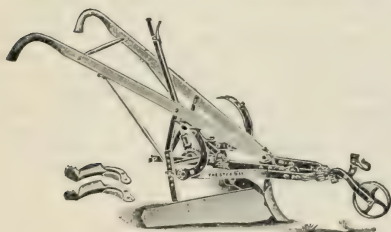
Made with stiff, heavy steel frame, steel wheel strap, strong, durable, and steady running.

- No. 121.—Expanding lever, five 3-inch Points .....\$4.25
- No. 123.—Expanding lever, five 3 inch Points, Wing Points and Shovel Point (see cut).....\$4.75



No. 123.

## Steel Frame Lever Cultivator With Hiller Attachment.



No. 124.

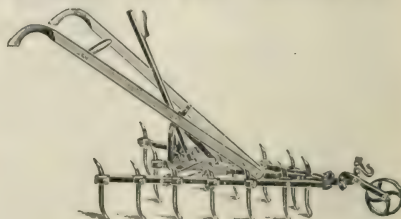
Unsurpassed for all hilling purposes. By reversing the Sweeps and fastening Center Standard to the rear end of the Bar, it is changed into an excellent Coverer.

- No. 124.—Expanding lever, five 3-inch Points, Hiller Sweeps and Wheel .....\$5.50

## Syracuse Spike Tooth Cultivator.

Especially adapted to pulverize the soil and leave it smooth and level. The teeth are reversible and the pitch can be quickly changed forward or back by simply loosening one bolt at each tooth.

- No. 114.—Expanding lever, fourteen Spike Teeth and Wheel..\$5.25



No. 114.

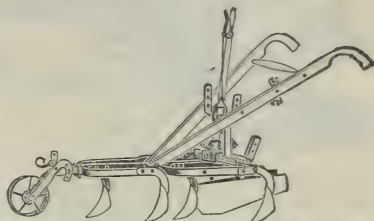


## Hussey's "New Model Centennial" Lever Cultivator.

### OUR NEW LEVER EXPANDER.

Is simple, strong and easy to operate. Has no "Dead Centers," and no Loose Joints. Adds stiffness to the entire frame.

Price, with expanding lever.....\$7.00



## Syracuse Steel Frame Spring Tooth Cultivator.



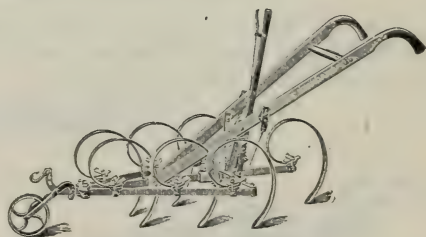
A very strong and durable Cultivator, especially adapted for rough, stony ground.

Price, with expanding lever and five teeth.\$6.00

## Standard Steel Frame Spring Tooth Cultivator.

This series of Cultivators is especially adapted for use in stony ground. The frames are steel, strong and well put together throughout. The castings are malleable. The teeth are fine oil tempered springs and are alike and interchangeable; they are also adjustable for angle and depth.

Price, with expanding lever and five teeth.\$5.00



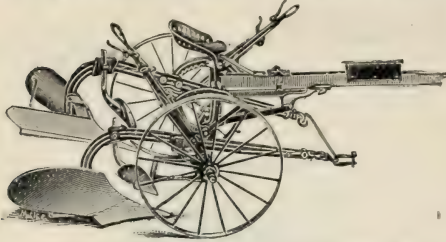
## Standard Spike Tooth Cultivator.



Especially adapted for thoroughly pulverizing the soil. Will leave the soil perfectly smooth and level and does not throw the dirt as a larger toothed Cultivator, making it very desirable for strawberry culture.

Price, with expanding lever, fourteen Spike Teeth and Wheel .....\$5.00

# Syracuse Reversible Sulky Plow.



Does perfect work on hillside or level land. No ridges or dead furrows. Light and strong. Simple and practical.

Two perfect Combination Plows on separate Steel Beams, operated by separate levers.

A power lift of simple design and easily handled, enabling any boy competent to handle horses, capable of running the plow.

Steel wheels running on steel axle.

With each Sulky is furnished Neck Yoke and Two-Horse Whiffletrees, Wrench and Oil Can. Descriptive Catalogue and Price mailed on application.

## Syracuse Steel Beam Steel Plow.

Plows furnished with either Jointer or Coulter.

No. 32. Light. Two horse.

No. 31. Medium. Two horse.

Send for Descriptive Catalogue and Prices.



## Syracuse Steel Beam Steel Plow. NEW SERIES.

Plows furnished with either Jointer or Coulter.

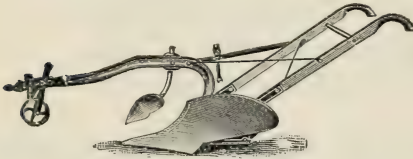
No. 443. Light. Two horse.

No. 442. Medium. Two horse.

No. 450½. Three horse.

No. 450. Four horse.

Send for Descriptive Catalogue and Prices.



## Syracuse Steel Truss Beam Swivel Plow.

This is a very light steel beam Swivel Plow. Side shifting handles. Fitted with either Automatic Jointer or Automatic Coulter.

No. 812. Light. Two horse.

No. 811. Medium. Two horse.

Send for Descriptive Catalogue and Prices.



## The Diamond Series Swivel Plow.

A very light weight plow, of good capacity. Easily handled and does good work. Made in three sizes.

Send for Description and Prices.



## THE YANKEE SWIVEL PLOW.

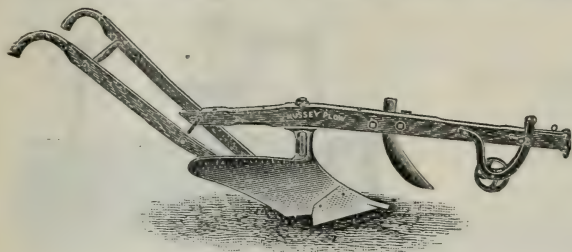
A very perfect working Reversible Plow. It has a wood beam, steeled metal mould-board, with patent, steel shifting lever and clevis. Manufactured in four different sizes.

Send for Catalogue and Prices.





## Hussey "Hard Metal" Plow.



Made in Six Different  
Sizes.

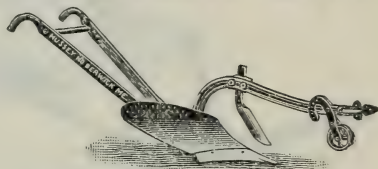
We carry a full line of repairs  
for both new and old series.

Send for Descriptive Catalogue  
and Prices.

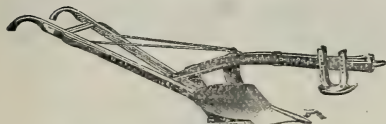
## Hussey Steel Beam Steel Plow.

Made in three sizes. A very popular gen-  
eral purpose plow.

Send for Descriptive Catalogue and Prices.



## Syracuse Contractor's Plow.



Steel truss beam. Steel mouldboard and  
landside. Separate shin piece. Heavy over-  
laid wrought steel point. Adjustable shoe in  
place of wheel. Loop handle wear irons.  
Very strongly built. Slight turning capacity.  
Suitable for severe grading purposes in shale  
or hard pan.

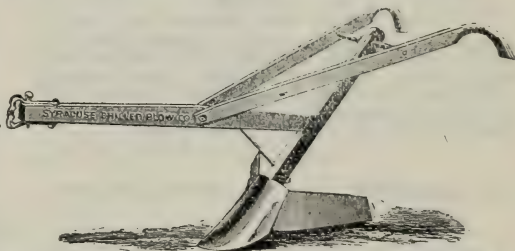
No. 99. Four to eight horse. Weight with shoe, 265 lbs. Send for Prices.

## Wood Beam Wing Shovel Plow.

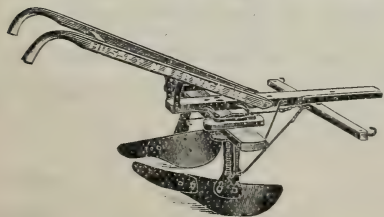
Blades and wings of steel. Wings ad-  
justable to throw more or less earth.  
Especially adapted for hilling potatoes  
and other light work.

Price, without wheel.....\$3.00

Price, with wheel.....\$3.25



## The "Improved Bangor" Potato Hoe.



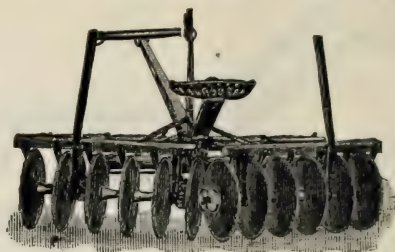
This hoe is especially adapted as a potato,  
corn or celery hiller, or as a coverer. Wings  
are polished steel, are adjustable to tilt up or  
down on the standards, and the desired dis-  
tance apart by moving standards in or out  
upon the cross bar. Our hoe for 1905 has  
some valuable improvements, the cross bar is  
strengthened with iron braces, which connect  
it with the pole making a strong and durable  
frame.

PRICE \$7.00.

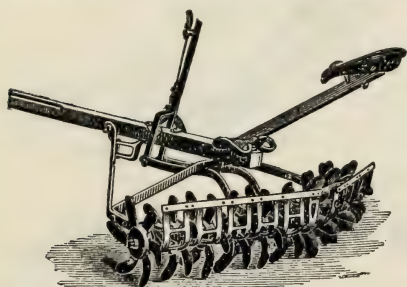
# THE YANKEE PULVERIZER.

A Superior Disc Harrow, combining all the late improvements.

Send for Descriptive Catalogue and Prices.



# The Morgan Spading Harrow.



The Morgan Spading Harrow is an "all around general purpose Harrow" and is adapted to all soils and conditions of soils. While not particularly attractive or handsome in appearance, a trial will convince any farmer that it will do the work. As a pulverizer, it is unequalled, and especially on broken or uneven surfaces, among stones, in sod or heavy clay. It has more cutting surfaces than any pulverizer in the market. The high arched frame allows it to pass over obstructions easily. The blades are S-shaped and ground sharp on the cutting edges and overlap; they cut into and lift the soil to a depth of 4 to 6 inches, turning and pulverizing the ground precisely like the hand spade. The gangs which float freely can be adjusted to any desired angle by the hand levers. The cleaners are stationary

and clean the blades, no matter what the condition of the soil.

Send for Descriptive Circular and Prices.

# Old Original Perry Harrow.

The Wood Frame Perry Harrow is the most durable of the spring tooth harrows. Is simplicity itself. Iron plated on the under side and in front, the entire length. Teeth cannot get loose. No levers or joints to wear and get out of repair. Harrows of this kind have been in constant use for fifteen years.

## PRICES.

14-Tooth, \$10.00; 16-Tooth, \$10.00; 18-Tooth, \$11.00.



# Aberdeen Spring Tooth Lever Harrow.



Made entirely of steel and malleable iron; teeth set to any required depth. Tooth bars round and well elevated to prevent clogging.

## PRICES.

15-Tooth .....\$16.00  
17-Tooth .....\$17.00



# Syracuse 1-Horse Spring Tooth Harrow.

Frame of steel similar to 2-horse Harrow  
and is the best 1-horse Harrow in the market.

**Ten Tooth With Lever.**

**Price \$9.00.**



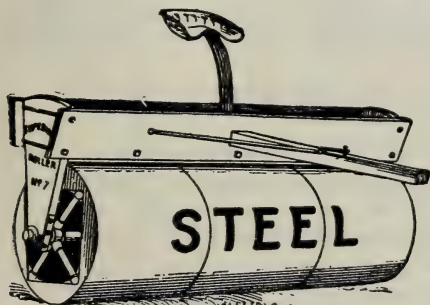
## REVERSIBLE SMOOTHING HARROW.



The teeth are reversible, namely by the draw bar being attached to one end of the harrow, they are slanting, as shown in cut, while if attached to the other end they are vertical, same as the ordinary harrow. With the teeth slanting, it is a smoothing harrow. This is not only a smoothing Harrow, but a Pulverizer, a Leveler, a broadcast Weeder and Seed Coverer. It is made in sections of twenty-four teeth each. Two, three or four sections may be, but usually three are used.

Two section Peerless Smoothing Harrow, weight 135 lbs.....\$10.00

Three section Peerless Smoothing Harrow, weight 200 lbs.....\$14.50



## Superior Steel Land Rollers.

This roller has cushioned rims, and will, therefore, stand that which no other roller will. More Superior Steel Rollers in use than all others put together.

	Manuf'r's Price.	R.B.D. & Co.'s Price.
No. 3. Plain Roller, length 6 feet, diameter 24 inches, average weight 550 pounds .....	\$27.00	\$25.00
No. 7. Plain Roller, length 7 feet, diameter 24 inches, average weight 650 pounds .....	\$29.00	\$27.00
No. 5. Plain Roller, length 6 feet, diameter 30 inches, average weight 650 pounds .....	\$33.00	\$30.00
No. 6. Plain Roller, length 8 feet, diameter 30 inches, average weight 850 pounds .....	\$41.00	\$36.00

All of the above rollers have three sections.

## STANDARD LAND ROLLERS.

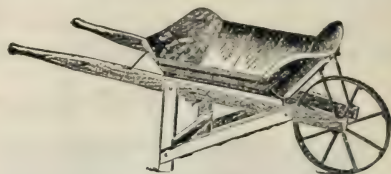
Oak stave drum of two sections.

8 feet long, 28 inches in diameter ..... \$20.00

## Railroad or Canal Barrows.



No. 4.



No. 133.

No. 123.	Wood Tray and Wood Wheel, extra bolted	.....	\$2.50
No. 133.	Wood Tray and Steel Wheel, extra bolted	.....	\$2.75
No. 4.	Steel Tray and Steel Wheel, extra bolted	.....	\$4.50

## Steel Tray Tubular Barrows.



These Barrows are designed and constructed for general use, such as conveying mortar, gravel, coal, etc.

They are securely braced, strong and durable.

No.	Capacity.	Weight.	Price
80.....	3 cubic ft.....	65 lbs.....	\$ 7.00
44.....	250 lbs. coal.....	100 lbs.....	\$10.00

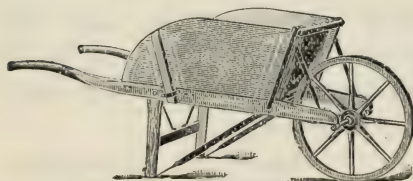
## "THE COLUMBUS" SOLID STEEL SCRAPER

WITH RUNNERS.



No. 1 carries 7 feet of earth.	Used for long haul or down grade.	Price \$7.50
No. 2 carries 5 feet of earth.	Used for all ordinary grading, farm or roadwork.	Price \$7.00
No. 3 carries 3 feet of earth.	Intended for work on narrow ditches with one horse.	Price \$6.50

## GARDEN WHEEL BARROWS.



This Wheelbarrow is highly finished, ornamented, strongly ironed and put together with joint bolts and braced, handles gracefully curved, with extra large wheel, thereby making it easy for the operator, and is superior to any in the market.

### PRICE LIST.

No. 2, Boy's Size.....	\$3.00	No. 5, Medium Size.....	\$4.00
No. 3, Small Size.....	\$3.25	No. 6, Large Size.....	\$4.25
No. 4, Small Size.....	\$3.75	No. 7, Extra Large.....	\$6.00

## Cast Iron Head For Drag.



Head.

Price of Head .....\$3.50

The cast iron head for drag is a simple device whereby a drag can be readily made by using straight plank, it is very strong, well ribbed and will last for years.



Drag Complete.

Price of Drag Complete .....\$7.50



## TRUCKS.

Bag Trucks .....\$2.00

Dandy Trucks .....\$2.00

We Also Carry a Full Line of

HEAVY

WAREHOUSE TRUCKS.

Prices quoted on application.



Bag Truck.



Dandy Truck.



Cast Iron Corner Hay Rack.

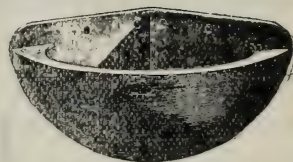
## Cast Iron Corner Hay Rack.

Price \$1.50.

### CAST IRON CORNER MANGER.

With Food Guard all around.

Price \$1.25.



Corner Manger.



## BARREL HEADER.

This is the most simple labor-saving machine ever invented for heading up barrels and is used extensively for heading up apples, fish and other merchandise.

1 inch Iron Screw (attached follower) .....\$1.10

## The "Hartman" Steel Tree Guard.

Ornamental, Strong, Durable and Cheap.

Made of heavy Steel Rods, Galvanized. The guards are light and graceful in appearance, making an ornament to the grounds; will not conceal the foliage nor shade the tree from the sun; will not harbor insects, and will allow cultivation of the ground. They take but a moment to erect and are easily moved from place to place.

The Spiral Wire Coils for attaching this guard to the tree are elastic and freely expand with the growth of the trunk, and also prevent any friction or chafing of the tree against the guard during storms or high winds.

**PRICE.**

Height, 5 feet 8 inches.....\$1.50

Height, 6 feet 2 inches.....\$1.75



## PARIS STEP LADDER.

This ladder is made with hardwood step standards and firmly braced between the steps, and is especially designed for household or store use, where a strong, durable and safe ladder is desired. Made in lengths from 2 to 10 steps.

Price per step, 27 cents.

## OXFORD STEP LADDER.

Made of the best white spruce, has folding shelf for pail. Made in lengths from 3 to 6 steps.

Price per step, 20 cents.

## Challenge Step Ladder.

This ladder is built especially strong and of the very best of material. Made especially for use where a long ladder is required. We carry this ladder in 12 step lengths only.

Price per step, 40 cents.



Paris Step Ladder.

## LADDERS.

Our common ladders are made of spruce poles, sides half-round, rungs split and hand shaved, of second growth oak, making them strong, safe and durable.

Price per foot, 15 cents.

## Flat Sided Ladders.

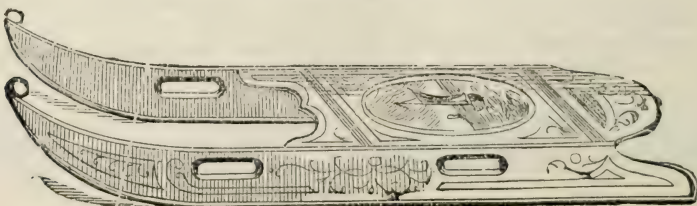
Made in lengths up to 20 feet.

This makes a nice, neat ladder for banks, halls and public buildings, as it has an extra smooth finish.

Price per foot, 20 cents.

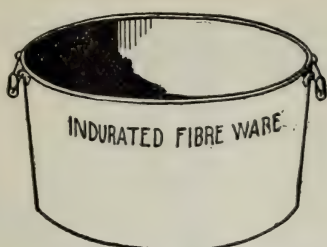


## SLEDS.



We carry a full line of both frame and clipper sleds. Write for Prices.





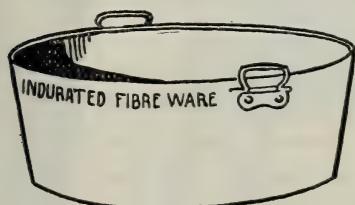
WASH TUBS.

No.		Each.
0,	23½ in. diameter, 13 in. deep inside,	\$1.50
1,	20½ in. " 12 in. "	1.20
2,	19 in. " 10½ in. "	1.05
3,	18 in. " 9½ in. "	.95



PAILS.

Star of Standard size, about 12 quarts,  
\$0.30 each.



KEELERS.

No. 1,	17 in. diameter	.....	\$0.55 each
" 2,	15 in. "	.....	.50 "
" 3,	13 in. "	.....	.40 "
" 4,	12 in. "	.....	.35 "



LIQUID MEASURES.

Per set, 4 pieces.....	\$1.20
2 quart.....	.40 each
Quart.....	.35 "
Pint.....	.25 "
Funnels.....	.25 "

## WHAT HOLDS YOUR MILK AND WATER and the other liquids?

Why not use vessels made of a material that is light enough to be easily portable and yet strong enough to stand any ordinary use and a great deal of misuse?

INDURATED FIBRE WARE is strong, and yet light.

It will not taint milk or other liquids no matter what the climate or temperature—the change or condition.

This is the only material that combines the valuable qualities of not watersoaking, swelling, shrinking, or leaking; it is absolutely impervious to moisture.

No hoops—no joints—no seams.

Pressed out of a solid mass of wood pulp and then thoroughly hardened to wear.

Always clean, sweet and dry, and, best of all—it is cheap.

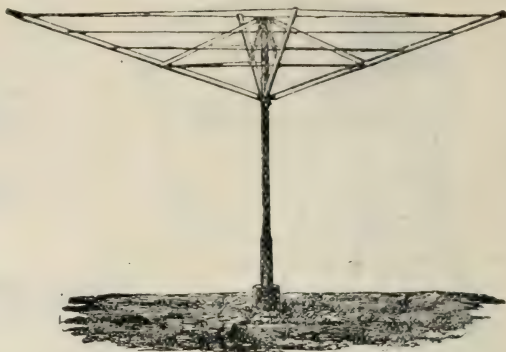
Let us fill a small trial order; you will never use anything else once you see it.

## Eureka Clothes Dryer.

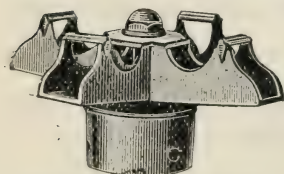
The Best Clothes Dryer  
in Use.

### PRICE LIST.

4-arm, 7 feet long, 110 feet of cotton rope .....	\$2.75
4-arm, 7½ feet long, 150 feet of cotton rope .....	\$3.00



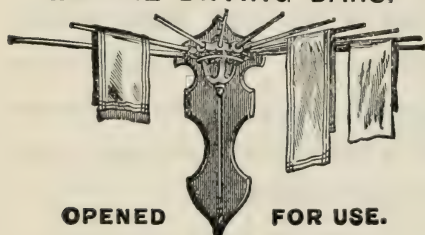
## Revolving Clothes Irons.



Can be fastened to any post, fitted for post 4½ inches in diameter. Made of cast iron nicely japanned.

Price, each 90 cents.

### EMPIRE DRYING BARS.



This wall dryer is one of the most convenient articles of household use. It is made to screw to the wall and when not in use can be closed so as to occupy very little space.

Price, 75 cents.



CLOSED.

## Folding Clothes Horse.

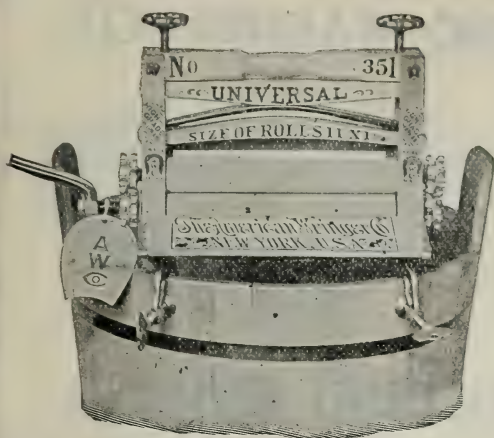


This well-known article is used in nearly every household. It is constructed of the very best material and is very durable, also light and convenient to handle.

### PRICES.

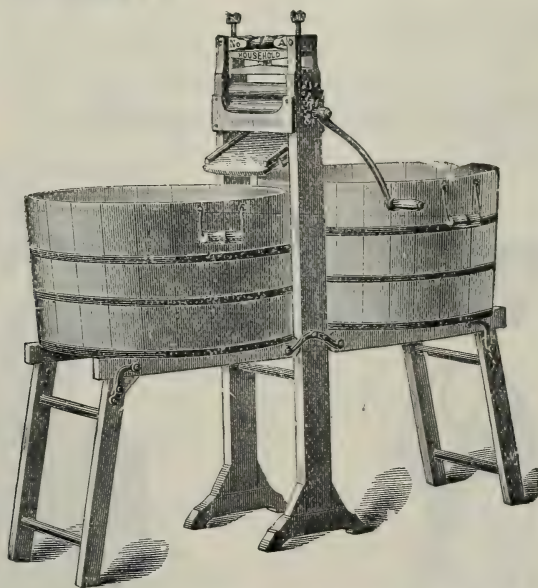
No. 3 .....	65 cents.
No. 3½ .....	75 cents.
No. 4 .....	85 cents.





## CLOTHES WRINGERS.

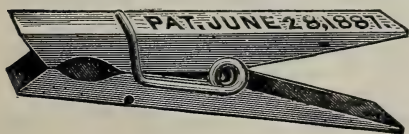
UNIVERSAL—Family Size, Ball Bearing .....	\$3.00
UNIVERSAL—Family Size.....	\$2.50
NOVELTY—Family Size.....	\$2.50
RIVAL—Family Size.....	\$2.00
FALCON—Family Size.....	\$1.75
CHALLENGE—Family Size.....	\$1.50
EUREKA—Family Size.....	\$2.50
DAISY—Family Size.....	\$2.00
MARVEL—Family Size.....	\$1.50



## Household Folding Bench Wringer.

Challenge Folding Bench Wringer.....	\$3.00
Household Folding Bench Wringer.....	\$3.50
Excelsior Folding Bench Wringer.....	\$4.00

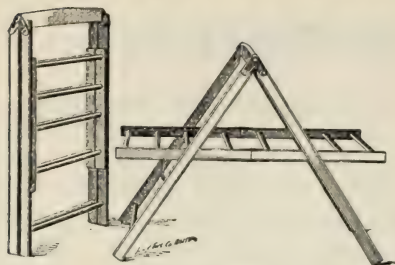
## United States Spring Clothes Pins.



In one gross boxes.

Price per dozen.....10 cents

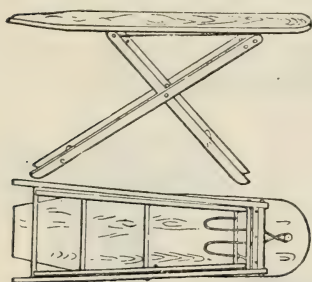
## BOSTON FOLDING WASHBENCH.



A very strong, durable and convenient washbench. When not in use can be quickly folded up and set away.

Price, \$1.00.

OPENED.



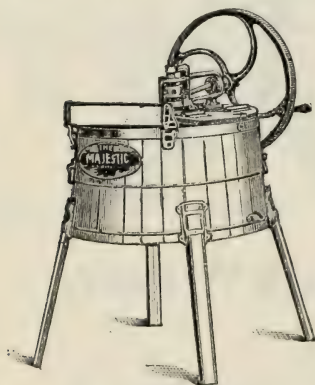
CLOSED.

## FOLDING IRONING TABLE.

This table can be adjusted to any height. It can not fall down. It is made of the best of kiln dried stock. Size, 57 inches long; 15 inches wide.

Price, \$1.50.

## Majestic Rotary Washer.



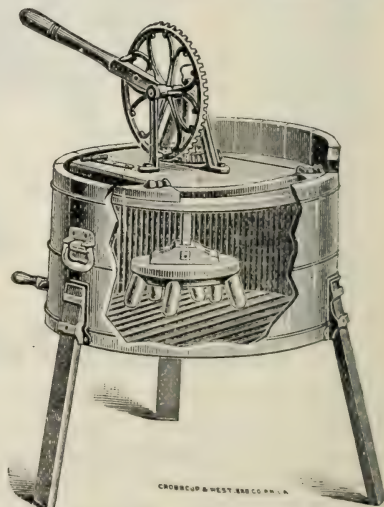
This washer is constructed of the best Virginia white cedar, and is very strong and finely constructed.

It is simple, strong, easy running and noiseless, the rotary motion being continuous, and the fly wheel heavy.

Very little power is required to operate this machine.

Price .....\$7.00

## Lightning Washer.



This washer is constructed of the best Virginia white cedar, and is very strong and durable.

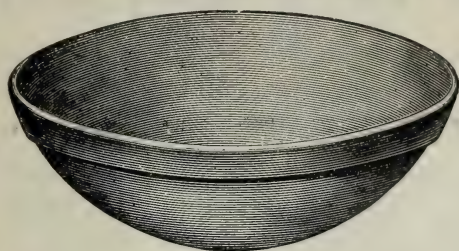
It is supplied with improved gearing and all castings are japanned.

Very easy running.

Price .....\$4.00



## Polished Maple Bowls.



These bowls are made of the best hard maple with a Paraffine Wax Finish to prevent splitting.

### Price List.

11 inch.....	15c
13 inch.....	25c
15 inch.....	35c
17 inch.....	50c
19 inch.....	60c
21 inch.....	70c

## Chopping Trays.

For chopping meats, vegetables, etc., butter making and general dairy and kitchen use.

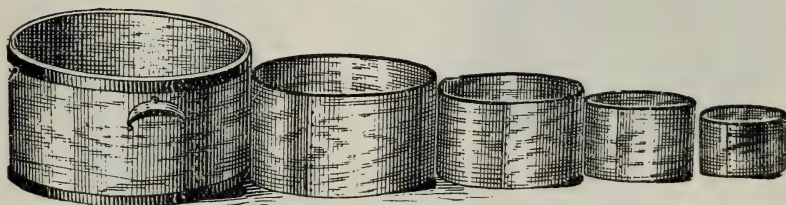
### Price List.

No. 1, Size 19½ by 10½ .....	45c
No. 2, Size 21 by 11 .....	50c



No. 3, Size 22 by 12 .....	60c
No. 4, Size 23½ by 13 .....	85c

## Dry Measures.



Nest of five.....\$1.10.

Half Bushel.....	\$.60	Four Quart.....	\$.25
Peck.....	\$.30	Two Quart.....	\$.15
One Quart.....			\$.10



## White's Patent Mop Wringers

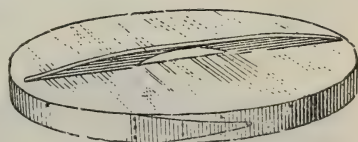
Will quickly wring a mop perfectly dry, without touching mop with the hands.

The wringer may be instantly attached to any pail and quickly removed.

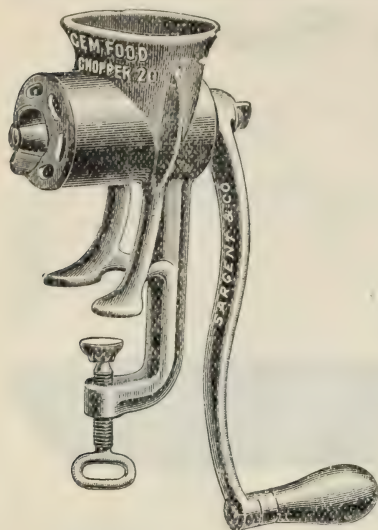
### PRICE.

Family Size.....	\$1.50
Hotel Size.....	\$2.00

## Barrel Covers.



Sugar Barrel, 21 in.....	30c
Flour Barrel, 19 in.....	25c
Half Barrel, 15 in.....	20c



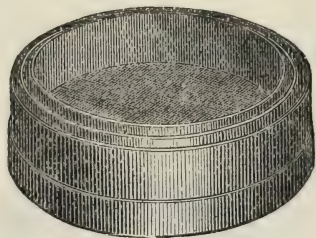
## Gem Food Chopper.

Nicely tinned, self-cleaning, self sharpening. With 4 steel cutters for cutting coarse, medium, fine and pulverizing.

It will chop raw meat, cooked meat, and all kinds of vegetables and fruits, all kinds of crackers, bread, eggs, cheese, nuts, etc.

### PRICES.

No. 20. Small Size .....	\$1.25
No. 22. Medium Size .....	\$1.50
No. 24. Large Size .....	\$2.00

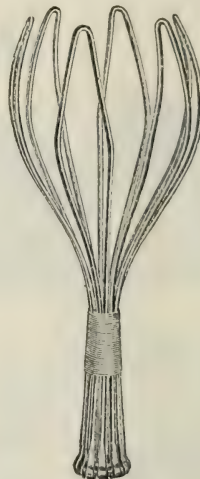


## Flour and Meal Sieves.

Wood hoops, copper nailed. Covered with 18 mesh tinned wire.

### PRICES.

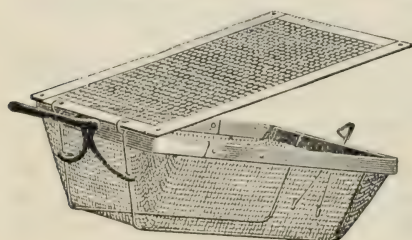
11 inch.....	15 cents.
12 inch.....	20 cents.
13 inch.....	25 cents.



## Fruit Gatherers.

Strongly made of heavy tinned wire. Can be attached to any pole.

A valuable article for fruit raisers.  
Price .....40 cents.



## Corn Poppers.

This is a firm well braced Corn Popper with detachable handle. The bottom is well guarded which protects the bottom from wear.

### PRICES.

1 Quart....	10 cents.	2 Quart....	25 cents.
1½ Quart....	20 cents.	4 Quart....	40 cents.





## Lawn Swings.

This swing will carry all that can get into it. It entertains children hours at a time in a pleasant, harmless, healthful way. Delightfully cool on hot summer days. Suitable for lawn or piazza. An ornament to any home.

Prices from \$4.00 to \$5.00.

## Hammock Chairs.

Made of hardwood, finished natural color and nicely varnished. Covered with fancy striped duck. Will fold to less than two inches in thickness, and weighs but eight pounds. Easily adjusted to any position desired.

Price \$1.00.

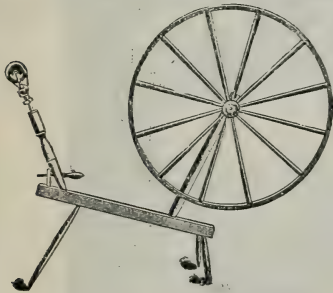


## Spinning Wheel.

This wheel is nicely finished, and is made of selected hard wood. The wheel is brass bushed and the rim grooved.

Wheel, without head.....\$2.50.

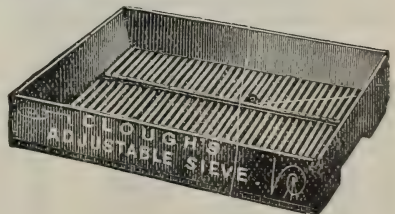
Wheel Heads, each.....\$ .40.



## Clough's Adjustable Sieve.

In offering this adjustable Sieve to farmers and others, we know that they will find it useful and valuable for separating foul seed from grain, and sifting out the small grains, thereby getting the most vigorous kernels for seed; also for cleaning and sorting peas, beans, etc.

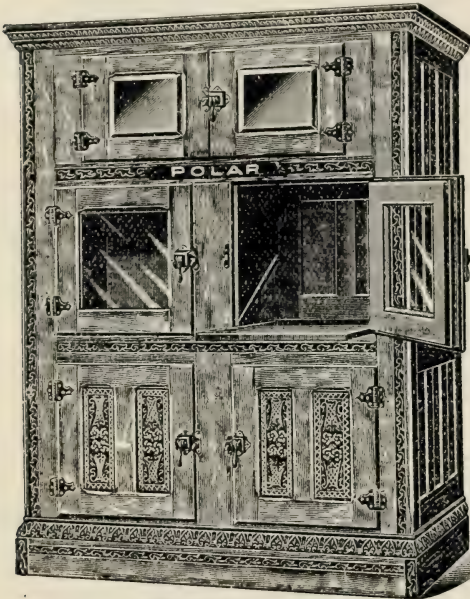
Price \$1.75.



## Polar Hardwood Refrigerators.

These illustrations show our Hard-wood "Polar" Refrigerators.

Note the general style and beauty, and observe the artistic carvings. No wood is exposed in the interior of these Refrigerators, a strong metallic lining covering every part of the inside thoroughly. They are built with heavy air tight walls, thoroughly insulated. They have swing base boards which facilitates the placing of the drip pan and makes sweeping easy. They are trimmed with strong, handsome locks and hinges and are a high grade and first-class refrigerator in every particular.



### Butter and Grocers' Refrigerator.

This is a refrigerator especially adapted for retail butter dealers and grocers. It is fitted with an automatic shelf which when pulled out closes the opening. Fitted with six massive doors trimmed with solid brass hinges and levers, nickel plated. Ice chamber doors fitted with French bevelled mirror plates, middle provision chamber doors fitted with clear double glass panels so that the contents of the refrigerator may be seen. Send for prices.

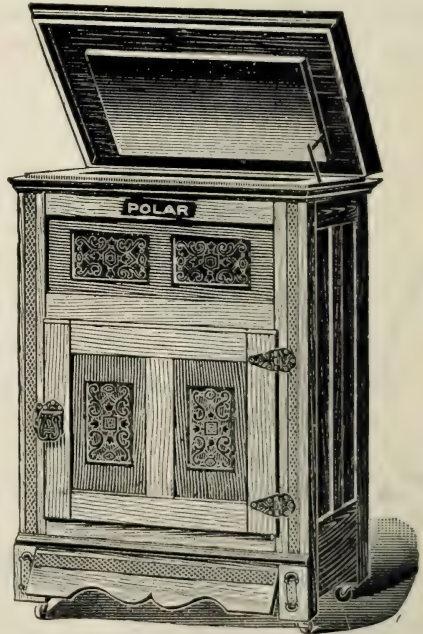
#### Prices—Family Refrigerators.

	Lbs. Ice.	Length.	Depth.	Height.
No. 331,	45	24 in.	17 in.	39 in.
No. 332,	60	26 in.	18 in.	41 in.
No. 332½,	65	28 in.	19 in.	43 in.
No. 333,	80	30 in.	19 in.	44 in.
No. 334,	125	33 in.	21 in.	46 in.
No. 335,	140	36 in.	22 in.	48 in.
No. 336,	125	33 in.	21 in.	46 in.
No. 337,	140	36 in.	22 in.	48 in.



### The "Polar" Ice Chests.

These chests are made of well seasoned pine, nicely grained to imitate oak. Fitted with galvanized steel shelves and ice racks. Write for sizes and prices.

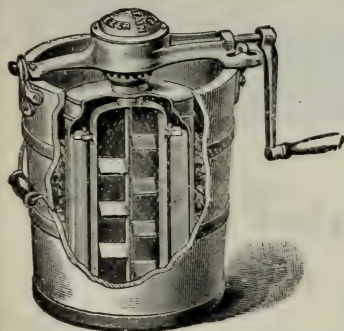


#### Family Refrigerator.

Manuf's Prices.	R. B. D. & Co's Prices
\$14.25	\$ 8.50
\$17.00	\$10.00
\$19.00	\$11.50
\$21.50	\$13.00
\$25.00	\$15.00
\$31.00	\$18.50
\$28.00	\$17.00
\$32.00	\$19.50



## Improved White Mountain Freezer.



This is universally the favorite family Ice Cream Freezer, because it combines more excellencies than all the other family freezers made. It is the only freezer made with a duplex dasher and double self-adjusting scrapers, which, by keeping every particle of cream in constant motion, causes it to freeze faster and more evenly than can possibly be accomplished by any other freezer.

### PRICES.

2 qt., \$2.25. 3 qt., \$2.50. 4 qt., \$2.75. 6 qt., \$3.50.

Prices of larger sizes furnished on application.

## ARCTIC Ice Cream Freezers.

This is the single action type, the can revolving while the beaters remain stationary. A first-class freezer in every respect.

### PRICES.

2 qt., \$1.75. 3 qt., \$2.00. 4 qt., \$2.35. 6 qt., \$3.00.



## Oak Well Buckets.



Black Iron Hoops and Bail, 60 cents.  
Galvanized Iron Hoops and Bail, 75 cents.

## Oak Kegs.

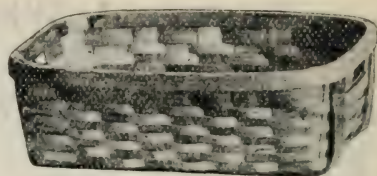


3 Gallon Kegs...\$. 70  
5 Gallon Kegs...\$. 80  
10 Gallon Kegs...\$1.10  
15 Gallon Kegs...\$1.15

## Grocer Market Basket.

### Strapped.

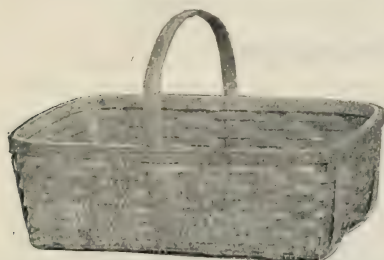
Number.	Size.	Price.
0.....	24x15x8 .....	50 cents.
1.....	23x13x7 .....	40 cents.
2.....	21x12x6½ .....	35 cents.
3.....	18x10½x6 .....	30 cents.
4.....	15x9x6 .....	25 cents.



## Market Basket.

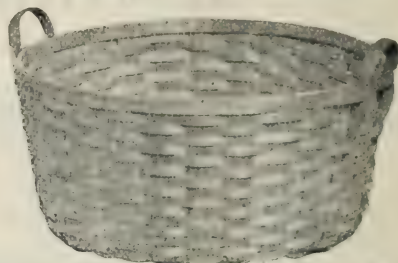
### Bail Handle.

Number.	Size.	Price.
0.....	24x15x8 .....	50 cents.
1.....	23x13x7 .....	40 cents.
2.....	21x12x6½ .....	35 cents.
3.....	18x10½x6 .....	30 cents.
4.....	15x9x6 .....	25 cents.



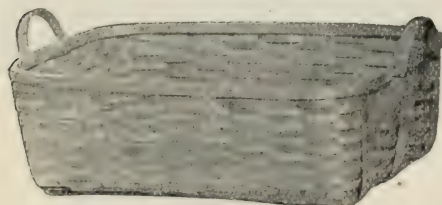
## Round Clothes Basket.

Number.	Size.	Price.
1.....	24 inches in diameter.....	50 cents.
2.....	22 inches in diameter.....	45 cents.



## Oblong Clothes Basket.

Number.	Size.	Price.
1.....	33x22x10 .....	\$1.00
2.....	30x20x10 .....	\$ .85
3.....	26x17x9 .....	\$ .75



## Oak Baskets.

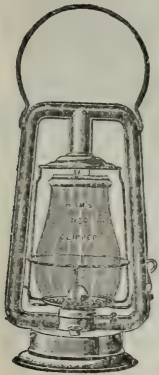
1	Bushel.....	\$ .50
1½	Bushel.....	\$ .75
2	Bushel.....	\$1.00
3	Bushel.....	\$1.75
4	Bushel.....	\$2.25

We also carry a full line of Wood Baskets, Office Baskets, Clothes Hampers, Lunch Baskets, Willow Clothes Baskets, etc.

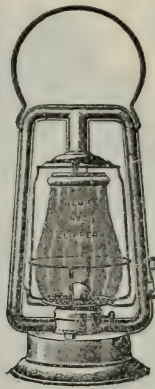




## TUBULAR LANTERNS.



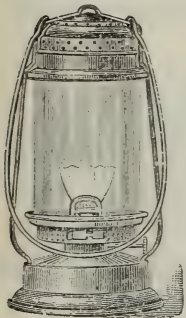
**No. 0 Clipper Lift**  
Price 50 Cents



**No. 2 Clipper Lift**  
Price 65 Cents



**No. 2 Cold Blast**  
Price 90 Cents



**Racket Lantern**  
Price 35 Cents



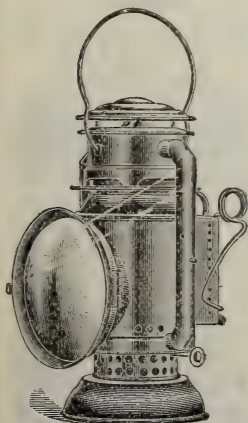
**Boy's Lantern**  
Price 25 Cents



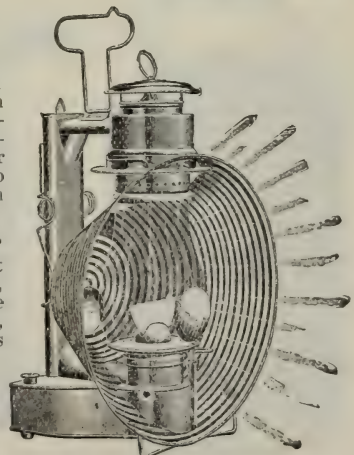
**No. 15 Dashboard**  
Price 75 Cents

These lanterns are made with oil fount of liberal capacity, from heavy steel tin plates, and carefully tested for leaks before setting up, insuring the purchaser against a trip to the tin shop before having a lantern that can be used.

Ham's Tubular "Search Light" Lantern, just the Lamp you want where a strong light is required, and to be spread over a large space, as in creameries, stables, mills, etc. Will burn out of doors as well as inside.



**Ham's No. 18 Cold Blast**  
**Tubular Driving Lamp.**  
Black Enameled.  
Price \$2.50



**Ham's Tubular "Search Light" Lantern**  
Price \$2.00

# OIL CANS



**MONARCH**  
5-Gallon, \$1.00



**HOME RULE**  
5-Gallon, \$1.25

## PERFECTION OIL TANK.

With steady stream pump, which can be detached and used in pumping oil from barrel into the tank. Each tank furnished with a 1 pt., 1 qt. and 2 qt. tin measure and a 1 qt. tin funnel.

Price, 60 gallon.....\$ 7.00.

Price, 106 gallon.....\$10.00.

THESE CANS ARE ALL MADE OF HEAVY GALVANIZED IRON  
AND VERY NEATLY DECORATED.



**QUAKER**  
5-Gallon, 65c

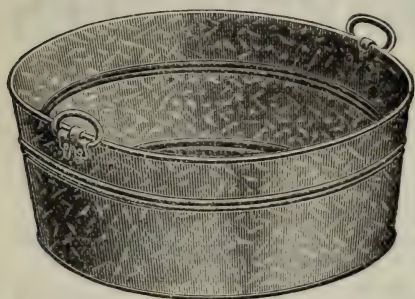


**POLO**  
1-Gallon, 25c



**COLUMBIA**  
5-Gallon, 75c





## Galvanized Iron Wash Tubs.

Number.	Size.	Price.
10.....	20½x17¾x10½.....	75 cents.
20.....	22¾x19½x11.....	80 cents.
30.....	24½x21¼x11.....	90 cents.

## Monitor Ash Cans.

Made of Heavy Galvanized Iron with Drop Handles.

No. 5.....18 in. diameter, 26 in. high.....Price, \$3.00.



## Galvanized Steel Bushel Basket.

With Drop Handles.

These baskets are made of refined galvanized steel and are water tight, making a very handy basket about the farm or stable.

Price .....60 cents.



## Galvanized Water Pails.

10 Quart .....	20 cents.
12 Quart .....	25 cents.
14 Quart .....	30 cents.
14 Quart, Extra Heavy .....	50 cents.



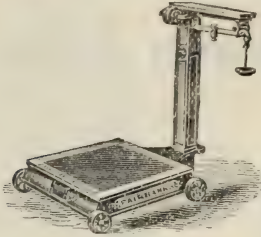
## Galvanized Garbage Cans

With Cover and Bail.

Seamless Covers Fitting Over Outside, Flat Bottom.

No. 03.....	14 in. high, 14 in. diameter.....	Price, \$1.00.
No. 30...heavy	15½ in. high, 14 in. diameter.....	Price, \$1.25.

# FAIRBANKS' STANDARD SCALES



## Fairbanks' Portable Platform Scales

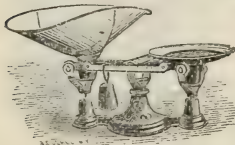
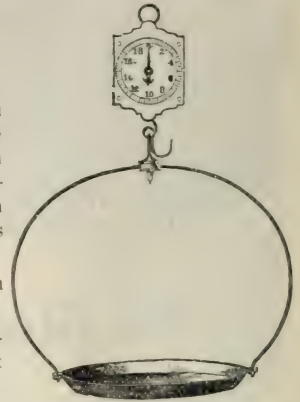
Furnished with or without wheels.  
In capacities from 400 to 2,500 pounds.  
Send for Catalogue and Prices.

## Market Scales.

We carry a full line of these scales in stock in different patterns, with tin or porcelain pans as desired.

Prices from \$3.75 to \$8.00.

Send for catalogue of market scales.



## GROCERS' EVEN BALANCE TRIP SCALES.

In all patterns and sizes. Furnished with agate bearing and nickel plated scoop and weights if desired.

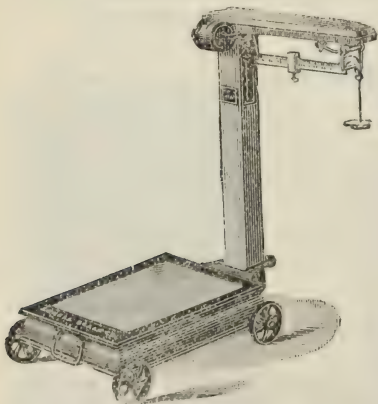
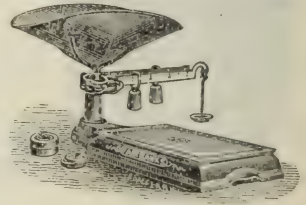
We carry a full line of grocers' counter scales in stock and can make prompt shipments.

## UNION SCALES.

Capacity from ½ ounce to 240 pounds. Finely finished, with tin scoop and brass beam.

Single Beam, \$4.50

Double " 5.00



## THE BANGOR SCALE.

### PRICES

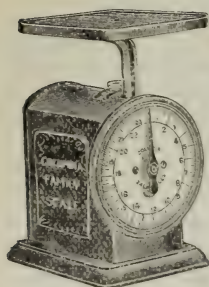
600 lb. Scale .....	\$10.00
1,000 lb. ....	\$12.00

Send for Descriptive Circular.

We are AGENTS FOR FAIRBANKS' complete line of Scales, and can furnish anything in their line, including Hay Scales, Stock Scales, etc.

Send for catalogue.





### Family Scales.

No. 1102.—Finished in black enamel with white enameled dial and tin scoop.

Price .....\$1.75

No. 104.—Finished in black enamel with brass dial and white enameled top.

Price .....\$1.50

No. 1105.—Heavily brass plated with brass scoop.

Price .....\$2.50

### Spring Balances.

No. 2000.—24

lbs. by  $\frac{1}{2}$  lb...10c

No. 20.—25 lbs.

by  $\frac{1}{2}$  lb.....15c

No. 30.—50 lbs.

by 1 lb.....25c

### HIGH GRADE.

No. 40.—25 lbs.

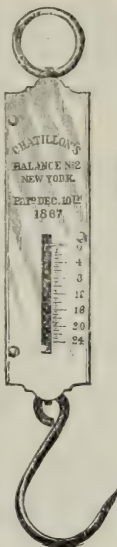
by  $\frac{1}{2}$  lb.....35c

No. 50.—30 lbs.

by  $\frac{1}{2}$  lb.....45c

No. 70.—50 lbs.

by  $\frac{1}{2}$  lb.....65c



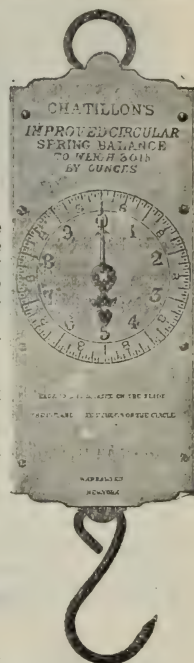
### Milk and Cream Scales.

These scales are made with a loose pointer, which by means of a thumb screw on the center of the pointer, may be set anywhere on the dial, thus taking the tare of the milk pail, etc. They are made with the pounds divided in ounces or decimally.

### PRICES:

No. 260 M O,  
30 lbs. by 1 oz  
.....\$3.25

No. 260 M D,  
30 lbs. by 1-20  
lb.....\$3.50



### Japanned Scale Beams.

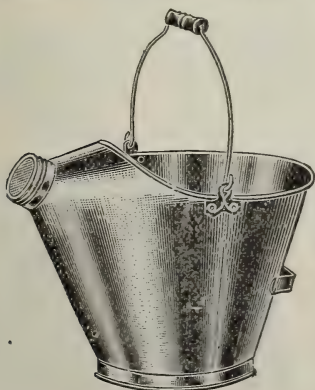


### PRICES

300 lbs.....\$1.90  
400 lbs.....\$2.50

500 lbs.....\$3.00  
600 lbs.....\$3.50

### National Strainer Milk Pail.



Made extra strong.  
With detachable strainer.  
Price, 12 Quart.....90 cents.

### Plain Dairy Pails.



10 Quart.....25 cents.  
12 Quart.....30 cents.  
14 Quart.....40 cents.



## The Stoddard Churn.

The Stoddard Churn is made by hand in the most thorough manner and of kiln-dried white oak. It will last for years. The principle is concussion and not friction—has no floats or paddles inside. It is easily operated, easily cleaned.

### Prices—Dairy Size.

		Manuf'r's R.B.D. & Co.'s	
		Price.	Price.
No. 1	Churns from 1 to 4 gals. cream.	\$ 8.00	\$ 6.00
No. 2	Churns from 2 to 7 gals. cream.	\$ 9.00	\$ 6.75
No. 3	Churns from 3 to 9 gals. cream.	\$10.00	\$ 7.50
No. 4	Churns from 4 to 12 gals. cream.	\$12.00	\$ 9.00
No. 5	Churns from 5 to 16 gals. cream.	\$14.00	\$10.50
No. 5½	Churns from 5 to 20 gals. cream.	\$17.00	\$12.75
No. 6	Churns from 6 to 28 gals. cream.	\$20.00	\$15.00

## The Hero Churn.

The "Hero" Churn we offer to those desiring a lower priced Churn, as we believe that there is more value for the money in this Churn than in any other ever brought to our notice. The Churns are made of best white oak, thoroughly seasoned and kiln-dried, having galvanized iron rim in head, making it very strong. The cover fastening is very simple and efficient.

### Price List.

		R.B.D. List & Co.'s	
		Price.	Price.
No. 1, 10-gallon,	Churns from 1 to 5 gals. cream,	\$9.00	\$4.80
No. 2, 15-gallon,	Churns from 1 to 7 gals. cream,	10.00	5.40
No. 3, 20-gallon,	Churns from 2 to 9 gals. cream,	11.00	6.00
No. 4, 25-gallon,	Churns from 2 to 12 gals. cream,	14.00	7.50
No. 5, 35-gallon,	Churns from 3 to 16 gals. cream,	18.00	9.75



## Cylinder Churn.

A favorite style of churn which has been in use many years.



		Manuf'r's R.B.D. & Co.'s	
		Price.	Price.
No. 1, capacity 2¾	gallons	\$2.50	\$2.00
No. 2, capacity 4	gallons	\$3.00	\$2.25
No. 3, capacity 7	gallons	\$3.50	\$2.50
No. 4, capacity 10¼	gallons	\$4.00	\$3.00
No. 5, capacity 15	gallons	\$5.00	\$3.50

## The Lightning Churn.

This has been made to supply the demand for a small cheap churn. It is strong and durable with no parts to get out of order.

	Capacity.	Manuf'r's Price.	R.B.D. & Co.'s Price.
No. 0,	2 gallons,	\$3.00	\$2.25
No. 1,	3 gallons,	\$3.50	\$2.50
No. 2,	4 gallons,	\$4.00	\$2.75
No. 3,	5 gallons,	\$4.50	\$3.00





# BLANCHARD CHURN.

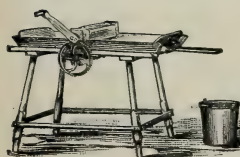
Manuf'r's R.B.D. & Co.'s  
Price. Price.

No. 3, for up to about 2	gallons of cream	\$ 6.00	\$4.00
No. 4, for up to about 4	gallons of cream	\$ 7.00	\$4.50
No. 5, for up to about 6	gallons of cream	\$ 8.00	\$5.50
No. 6, for up to about 12	gallons of cream	\$10.00	\$6.50
No. 7, for up to about 16	gallons of cream	\$12.00	\$8.00



## Waters' Butter Worker.

It combines more essential points than any other and recommends itself to all who examine it. It is durable, efficient, economical.



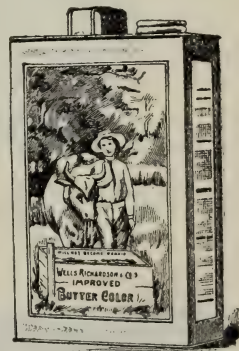
	Manuf'r's Price.	R.B.D. & Co.'s Price.
No. 0, capacity 15 pounds	\$ 7.00	\$ 6.50
No. 1, capacity 30 pounds	\$ 8.00	\$ 7.50
No. 2, capacity 40 pounds	\$ 9.00	\$ 8.50
No. 3, capacity 50 pounds	\$10.00	\$ 9.50
No. 4, capacity 75 pounds	\$12.00	\$11.00

## Wells, Richardson & Co.'s Improved Butter Color.

Always gives satisfaction. It is made by the aid of new and improved machinery, specially made for this purpose, thus enabling the manufacturers to use new and improved methods. It will not become rancid. It will not color the buttermilk. It gives a bright June color.

### PRICE LIST

Small Size,	4 ozs., to color about 500	lbs.....\$ .25
Medium Size,	10 ozs., to color about 1,250	lbs.....\$ .50
Large Size,	24 ozs., to color about 2,800	lbs.....\$1.00
Cans,	1 gallon each	.....\$2.50



## CHAMPION MILK COOLER AND AERATOR.

This is a perfect Aerator, removing flavors arising from excessive cabbage, turnip or silo rations.

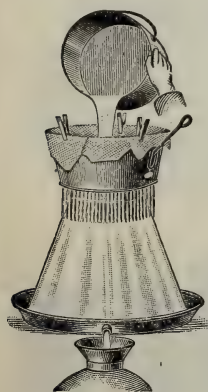
It is a complete Deodorizer, removing the animal heat or cowy taste and all odors arising from the absorption by the milk of stable or other unpleasant gases.

It is a thorough Cooler, reducing the temperature of the milk in one minute nearly to the temperature of the cooling medium.

It is equally well adapted to the use of any cooling medium, either running water, or ice water.

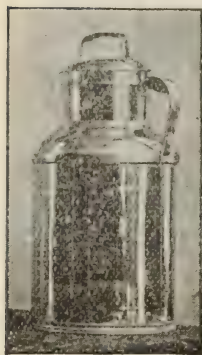
Every farmer or milkman handling milk cannot afford to be without one.

No.	Capacity of Milk Receiver.	Size of Dairy	Takes care of.	Manuf'r's Price.	R.B.D. & Co.'s Price.
2.	18 Quarts	10 to 25 Cows	3 Milkers	\$7.00	\$5.60
3.	34 Quarts	25 to 50 Cows	5 Milkers	\$8.00	\$6.40



## Penobscot

### Milk or Cream Cans.



These cans are made of heavy tinned steel with heavy tinned iron hoops around top and bottom, they have a large neck so that the cans may be easily cleaned.

These cans are especially adapted for carrying and shipping milk or cream.

Other styles of shipping cans furnished if desired.



#### PRICES

5 gal. Penobscot Steel Can.	5 gal. Penobscot Steel Can.....\$2.00	10 gal. Penobscot Steel Can.
	10 gal. Penobscot Steel Can.....\$3.00	

## Parchment Butter Paper.

For Wrapping and Covering Butter.

Better, Cheaper and More Convenient to Use Than Ordinary Muslin.

Price 15 Cents Per Pound.

## Small's Calf Feeder.



For feeding milk to young calves in a natural way before they are old enough to eat and drink otherwise.

### Gives Universal Satisfaction.

Manufacturer's Price.....\$2.50

R. B. D. & Co.'s Price.....\$2.00

Extra Nipples, 25 cents each.

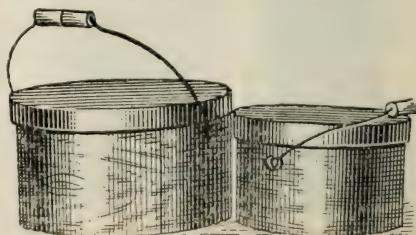
## BUTTER BOXES.

Oak With Wire Bail.

Four Quart Size.....	\$.25
Eight Quart Size.....	\$.35

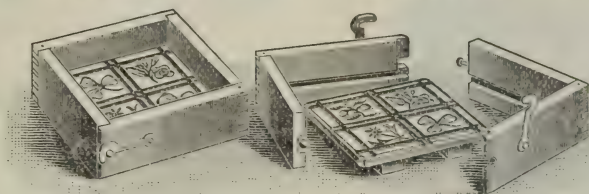
Oak With Wood Bail.

12 Inches in Diameter.....	\$.50
14 Inches in Diameter.....	\$.60





# The Blanchard Butter Mold.

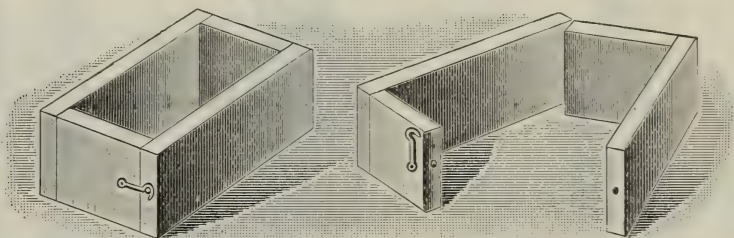


These molds are carefully made of clear white birch and only brass hooks and screws are used throughout, so that there is no possibility of rust and consequent discoloration of the wood. The ornamentation is done by special machinery and when desired initials, monograms, etc., are substituted at a slight advance in cost. Each division on face of mold represents one-quarter pound of butter.

## PRICE

½ Pound.....	\$.85	By mail, postage paid.....	\$1.00
1 Pound.....	\$1.00	By mail, postage paid.....	\$1.25
2 Pound.....	\$1.50	By mail, postage paid.....	\$1.75

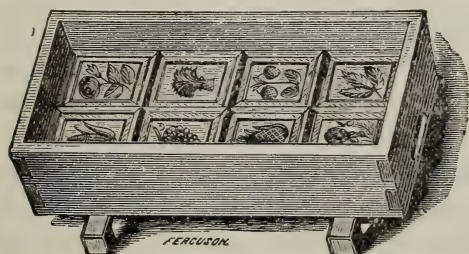
# The "Simplex" Butter Mold.



This is a favorite style of Butter Mold, being simple, cheap and substantial and leaves the butter in one of the most convenient forms for handling. Holds one pound of butter.

## PRICE

Nailed Corners.....	.20 cents.	By mail, postage paid.....	.30 cents.
Dovetailed Corners.....	.25 cents.	By mail, postage paid.....	.35 cents.



# Combination Butter Prints.

The demand for the Combination Butter Print has largely increased during the past few years, the average dairyman being more particular about the appearance of his butter.

The cut here shown represents No. 6 print in its mold, which holds two lbs., and is divided into eight cakes, ¼ each.

No. of Print.	No. of Cakes.	Capacity of Moulds in lbs.	Capacity of each Cake in ounces.	Dimensions of Moulds in inches.	Dimensions of Each Cake.	Price.
2	4	2	8	11x3¾	3¾x2¾	\$3.75
3	4	2	8	12x3	3x3	\$3.75
4	4	1	4	4½x5	2¼x2½	\$3.50
5	4	1	4	10x2½	2½x2½	\$3.75
6	8	2	4	10x4½	2¼x2½	\$4.50
10	24	1½	1	10x4	1¼x1 1-3	\$5.25
12	8	4	8	11x5	2¾x2½	\$4.50

Prints engraved to order, with any design, initial or monogram, without extra charge.



## The "Facile"

### IMPROVED IRON FRAME, HAND BABCOCK TESTER.

Handsome cast iron case and cover, cut spur, and worm gearing, malleable iron bottle carrier, seamless brass swinging pockets for holding test bottles, enclosed gearing, bottles perfectly horizontal when rotating, turns easily and runs smoothly and noiselessly at a very high speed.

Write for Circulars and Prices.



Milk  
Bottle.



Connecticut  
Cream Bottle.



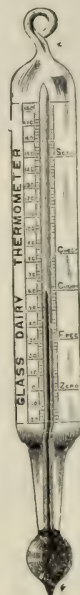
Milk  
Pipette.



Ohlsson Skim  
Milk Bottle.



Acid  
Measure.



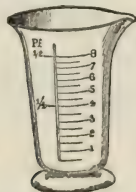
Floating  
Dairy.



Flange  
Dairy.

## Price List.

### Extract Measures.



#### Price List.

4 ounces,	.	.	.	40 cents.
8 ounces,	.	.	.	55 cents.
12 ounces,	.	.	.	65 cents.
16 ounces,	.	.	.	90 cents.

	Each.
Babcock Milk Test Bottles.....	\$.20
“ Cream Bottles (30 per cent.)...	\$.30
“ Cream Bottles (40 per cent.)...	\$.30
“ Cream Bottles (50 per cent.)...	\$.35
Ohlsson Skim Milk Bottles.....	\$.75
Wagner Skim Milk Bottles.....	\$.75
Milk Pipette 17, 6 c. c.....	\$.25
Cream Pipette 18, c. c.....	\$.25
Acid Measures.....	\$.20
Floating Dairy Thermometers.....	\$.25
Flange Dairy Thermometers.....	\$.25

If sent by mail add 5 cents for postage.



## MILK OR CREAM BOTTLES.

CLIMAX TIN TOP

	Per doz.
1 Half-pint.....	\$ .65
1 Pint.....	\$ .80
1 Quart.....	\$ .90
3 Pint.....	\$1.35
2 Quart.....	\$1.60

### Milk Bottle Brushes.

25 Cents Each.

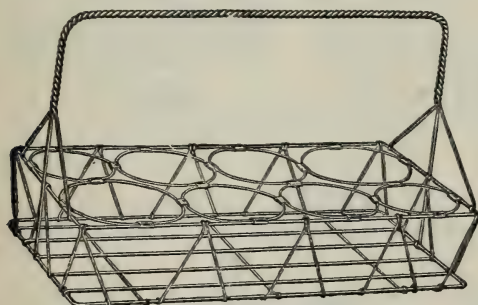


## BUTTER TUBS.



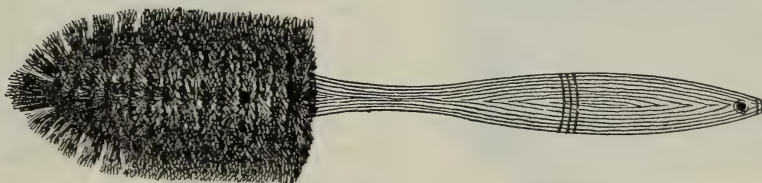
### PRICE LIST

10 Pound Tub.....	\$ .20
20 Pound Tub.....	\$ .25
30 Pound Tub.....	\$ .35
50 Pound Tub.....	\$ .40



## MILK BOTTLE CARRIERS.

4 Quart.....	\$ .75
6 Quart.....	\$ .85
8 Quart.....	\$1.10



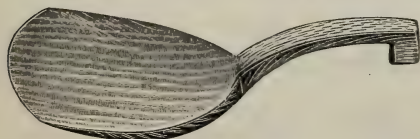
### MILK BOTTLE BRUSHES.

Price, 25 Cents.

## TUB COVER FASTENERS.

Price, per 100, 50 Cents.

## BUTTER LADLE.



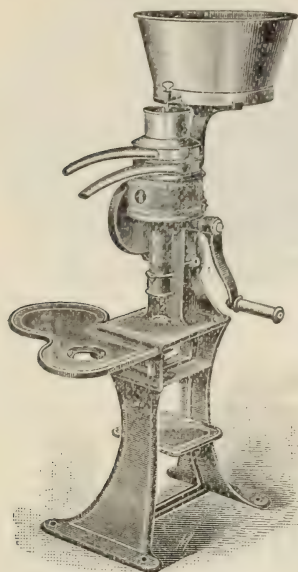
Price.....15 cents.

## MILKING TUBES.



German Silver, Silver Plated.

Price.....25 cents.

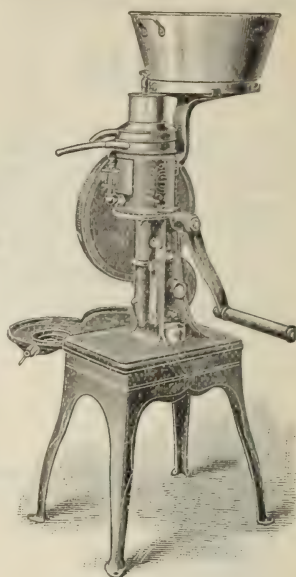


New Style "Daisy."

## The DeLaval Separators.

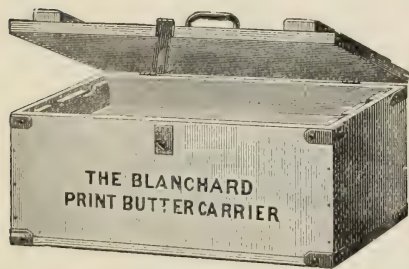
The simplest, easiest running, most durable cream separator ever put on the market. Saves 10 per cent. to 50 per cent. in skimming. Saves 5 per cent. to 10 per cent. in churning. Saves time and labor. Saves ice and water. Save \$10 per cow per year.

Send for Descriptive Catalogue and Prices.



"Baby" No. 1.

## The Blanchard Print Butter Carrier.



This Carrier is designed more especially for the use of dairymen who deliver their butter directly to the consumer, though they are largely used for express shipments, and are substantially made so as to withstand considerable rough treatment. The trimmings are japanned throughout; the covers are strongly cleated and hinged; the corners are dovetailed; the finish first-class.

No. 6½,	capacity 12 lbs., holds 3 trays, each 10½x 9¼ inches, 1½ inches deep.....	\$1.50
No. 7,	capacity 16 lbs., holds 4 trays, each 10½x 9¼ inches, 1½ inches deep.....	\$1.75
No. 8,	capacity 24 lbs., holds 4 trays, each 10½x13¾ inches, 1½ inches deep.....	\$2.00
No. 9,	capacity 32 lbs., holds 4 trays, each 10½x18½ inches, 1½ inches deep.....	\$2.25
No. 10,	capacity 40 lbs., holds 5 trays, each 10½x18½ inches, 1½ inches deep.....	\$2.50
No. 11,	capacity 48 lbs., holds 6 trays, each 10½x18½ inches, 1½ inches deep.....	\$3.00

## COOPER'S SHEEP DIPPING POWDER.

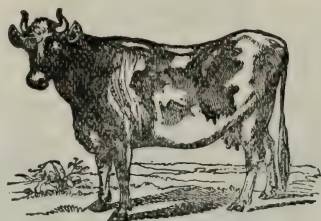
The best known preparation for destroying ticks on sheep, stopping the fly, preventing and curing the scab, promoting the growth of wool and improving the appearance and condition of the flock.

Price, per packet.....50 Cents.

Will make 25 gallons of wash.



# DAIRY COWS NEED

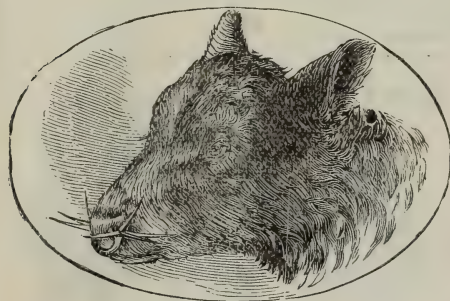


## KOW-KURE

THE GREAT COW MEDICINE  
FOR COWS ONLY.

It cures scours, removes bunches from the bag, prevents cows from losing their calves, gets barren cows with calf, and makes a strong appetite and perfect digestion that produces a larger flow of richer milk. Kow-Kure has stood the test of ten years and is a complete success.

Price, 50c and \$1.00.



## Schley's Weaners

No. 1.	For calves 1 to 4 months old...	40c
No. 2.	For calves 4 to 8 months old...	40c
No. 2½.	For yearlings.....	55c
No. 3.	For cows.....	65c

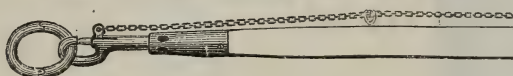
## BULL RINGS.

Polished Copper.

No. 20.	2 inch.....	20 cents.
No. 20½.	2¼ inch.....	25 cents.
No. 21.	2½ inch.....	25 cents.
No. 22.	3 inch.....	30 cents.



## BULL SNAPS.



Complete with chain, no handle.

Price, 50 cents.

# Buckley's Patent Watering Device

FOR WATERING STOCK IN STABLES.



Water in the stable is a necessity for the proper caring of the stock; it should be of suitable temperature, and the stock should have constant access to it.

This is the most practical and economical device for watering cattle in the stable. The iron basins can be kept clean much easier than any form of wooden troughs and there is nothing to wear or rot out.

The check valve at the bottom of each basin prevents clogging of pipes because no hay, meal or other substances can be drawn into them. It also greatly prevents the spread of contagious disease, as the supply of each basin is drawn directly from the main reservoir.

Water from a spring or reservoir is piped into a small tank, and the level of water in the basins is controlled automatically by a float valve or an overflow in this tank.

## PRICE.

Stanchion Basin, with brass valve seat and aluminum valve.....\$1.50 each

# New England Root and Vegetable Cutter.

This machine is made with a wrought shaft with sections of knives fastened to it and arranged so that a rotation of knives are continually passing a bed knife with cross knives passing between the section of knives; cutting always near the center shaft, making it cut easy and fine enough for cattle or sheep; also making a very regular cut. It will cut one bushel of roots per minute.

Price, \$6.00.



# BOILER AND FEED COOKER.

This feed cooker is so constructed as to get the best possible results from a small amount of fuel. The kettle is of very smooth cast iron, and can be removed from the casing instantly.

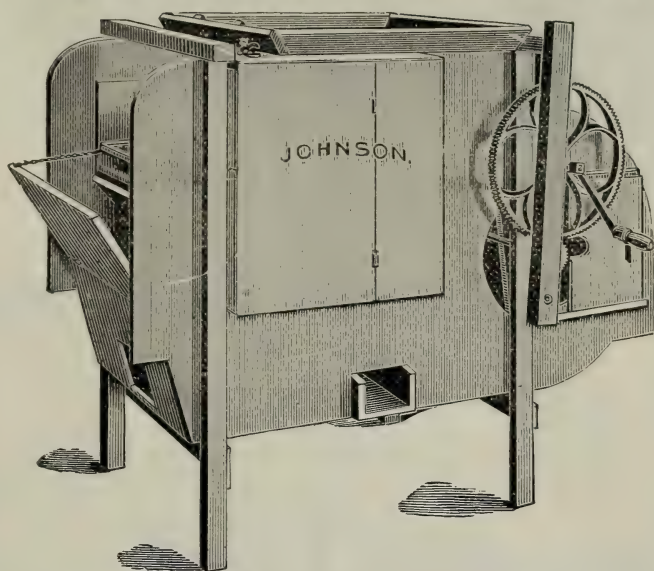
The casing or jacket is cold rolled steel.

## PRICES.

33 Gallon .....	\$13.00.
53 Gallon .....	\$16.00.
75 Gallon .....	\$22.00.

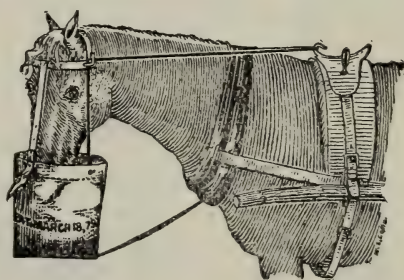
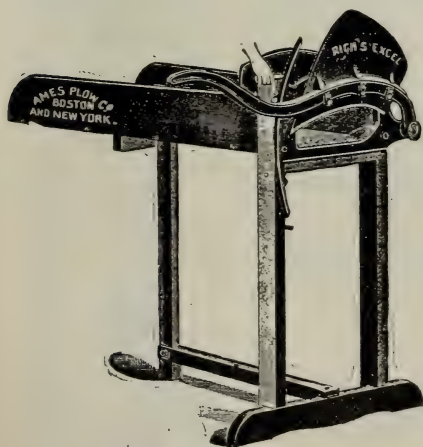


# THE JOHNSON FAN MILL.



The Fan Mill is indispensable to a well regulated Grain Barn. This mill runs the sound clean grain to one side of the Mill while the sand and small seeds pass out at the other, and the heavy chaff and heads are caught in a receptacle behind the machine. It will not only clean grain but also grass seeds in the best manner.

**Price.....\$17.00.**



## FEED BAGS.

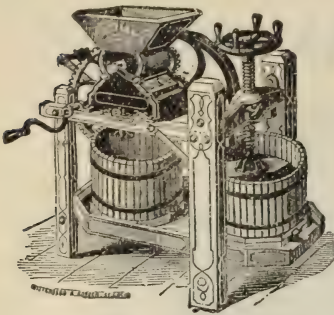
Whitaker's Favorite Feed Bags.....85c each

Whitaker's B. O. Feed Bags.....75c each

## Rich's Patent Lever Feed Cutter.

This iron handle lever cutter is so simple and easy to work as to commend it to everybody who has but a moderate amount of stock to feed. The knife is easy to adjust and keep in repair.

**Prices from \$3.50 to \$6.00.**



# Monitor Cider Mills.

Several improvements have been added, such as New Hopper, the Rolls made longer and larger in diameter. New adjustable Crusher or Breaker Roll, which increases the capacity. Grinds the fruit coarse or fine as the grinders are adjustable.

	Manuf'r's Price.	R. B. D. & Co.'s Price.
Senior Monitor .....	\$22.00	\$20.00
Medium Monitor .....	\$19.00	\$17.00
Junior Monitor .....	\$15.00	\$13.00

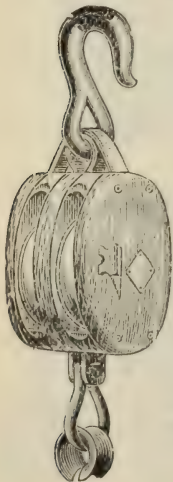
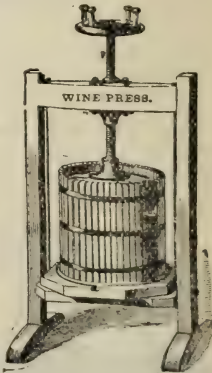
# The Hutchinson Cider Mill.

## PRICE LIST.

No. 0.....	\$9.00.	No. 1.....	\$10.00
Send for Descriptive Circular. This is a One Tub Mill.			

# Wine and Lard Presses.

No. 1, Size Screw 1 inch in diameter .....	\$5.00
No. 2, Size Screw 1 1-8 inch in diameter .....	\$6.00



# Tackle Blocks.

We carry a full line of blocks both in Common Iron Bushed and in the Patent Roller Bushed Sheaves.

Write for Prices.







## *The Value of a Can of Paint*

is determined by the number of square feet it covers, by its ease of application, by the wear it gives—not by the price. A low cost per gallon always means a high cost by the job.

*The Sherwin-Williams Paints* are the most economical to use because you don't have to buy so many gallons to cover a given surface, it does not take so much labor to put them on, and because they give best results—best appearance and best wear.

*The Sherwin-Williams Paints* cost just as much as good paints ought to cost—not a cent more. If you pay less you don't get as good paint; if you pay more you pay too much.

No matter what you want to paint or varnish you will get best results and save money if you use *The Sherwin-Williams Paints and Varnishes*.

## **THE SHERWIN-WILLIAMS Co.**

LARGEST PAINT AND VARNISH  
MAKERS IN THE WORLD

CLEVELAND,



CHICAGO,  
KANSAS CITY,  
MINNEAPOLIS,  
CINCINNATI,

NEW YORK,  
NEWARK,  
BOSTON,  
SAVANNAH,

SAN FRANCISCO,  
LOS ANGELES,  
SAN DIEGO,  
PORTLAND, ORE.

MONTREAL,  
TORONTO,  
WINNIPEG,  
LONDON, ENG.



SEE OTHER SIDE FOR LINE OF  
*THE SHERWIN-WILLIAMS PAINTS AND VARNISHES*  
CARRIED BY R. B. DUNNING & CO.

## ***THE SHERWIN-WILLIAMS PAINTS***

### **FOR ALL KINDS OF GOOD PAINTING**

**FAMILY PAINT**—An oil paint for general household use. Ready for the brush. 27 colors. Put up in  $\frac{1}{4}$  pt.,  $\frac{1}{2}$  pt., pint, and quart packages.

**INSIDE FLOOR PAINT**—Made to walk on. Dries hard over night. 8 colors. Put up in pint, quart,  $\frac{1}{2}$  gallon, and gallon packages.

**BUGGY PAINT**—A varnish gloss paint for outside use. Very durable. 8 colors. Put up, ready to use, in  $\frac{1}{2}$  pt., pint, and quart packages.

**ENAMEL LEATHER DRESSING**—For buggy tops, etc. Preserves the leather. Will not crack. Put up in  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal., and gal. packages.

**WAGON AND IMPLEMENT PAINT**—For farm wagons, tip carts, plows and implements. Blue, Green, Red, Yellow, and Black. Put up in pint, quart,  $\frac{1}{2}$  gallon, and gallon packages.

**VARNISH STAIN**—Stains and varnishes at one operation. Oak, Cherry, Mahogany, Ebony, Golden Oak, Rosewood, Walnut, and Green. Put up in  $\frac{1}{4}$  pt.,  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal., and gal. packages.

**OIL STAIN**—For new work. Oak, Cherry, Ebony, Mahogany, Rosewood, and Walnut. Put up in  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal., and gal. packages.

**ENAMEL**—For wood work, furniture, etc. 13 delicate tints, also Pure White and Ivory White. Put up in  $\frac{1}{4}$  pt.,  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal., and gal. packages.

**BATH ENAMEL**—Will stand hot water, giving a porcelain finish. Porcelain, Ivory, Rose, Nile Green. Put up in  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal., and gallon packages.

**BICYCLE ENAMEL**—Air drying. Very durable. 11 different colors.  $\frac{1}{4}$  pint packages.

**SCREEN ENAMEL**—Prevents rust. Black and green. Put up in  $\frac{1}{2}$  pt., pt., and qt. packages.

**ALUMINUM PAINT**—For radiators, steam pipes, etc. Not affected by heat or moisture. Will not tarnish. No odor. Put up in  $\frac{1}{4}$  pt.,  $\frac{1}{2}$  pt., pt., qt., and gal. packages.

**GRAPHITE, Ground in Oil**—For use of plumbers and steam fitters. Put up in 5, 12 $\frac{1}{2}$ , and 25 lb. packages.

**LIQUID FILLER**—Best on the market. Put up in  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal., and gal. packages.

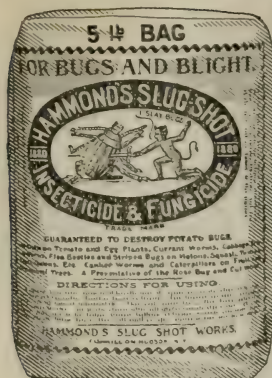
**FRENCH CROWN GREEN**—For window blinds, etc. The most permanent and brilliant green known. Put up in 1, 2, 5, 12 $\frac{1}{2}$ , and 25 lb. packages.

**FIRST QUALITY COLORS, Ground in Oil**—Absolutely pure. The most economical to use.

**AMERICAN LEAD**—Put up in 1, 2, and 5 lb. cans for convenience of small buyers.

**THE SHERWIN-WILLIAMS VARNISHES**—Absolutely the best varnishes made. For both inside and outside use. Put up in  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal., and gal. packages.





## Hammond's Slug-Shot.

Slug-shot not only acts as an insect destroyer, but it will be found to be an excellent fertilizer. It contains nothing injurious to domestic animals and does not deteriorate by age. On low-growing plants it should be dusted on with a very fine sifter. On tall shrubs and trees it should be applied with bellows.

5 lb. package, 30c.

10 lb. package, 50c.

## Lion Brand Bordeaux Mixture.

This mixture is a scientific preparation and combined in a manner heretofore unknown, thus enabling the manufacturer to place it on the market in a practical and usable shape, as by simply adding water and stirring, it is ready for use.

One gallon will make 50 gallons by the addition of 49 gallons of water. Actual cost to you when ready for use 2 cents per gallon.

**It Prevents Potato Rot, Potato Blight, Downy Mildew and Anthracnose of Grape, Peach, Pear and Cherry Blight, Etc.**

1 Gallon Can, \$1.00.

1 Quart Can, 40 Cents.

## LION BRAND POWDERED HELLEBORE.

**Strictly Pure.**

For destroying Rose Slugs, Currant Worms and Insects on Berries, Bushes, Plants, Shrubs, etc.  
1 lb. Package, 30c.       $\frac{1}{2}$  lb. Package, 17c.       $\frac{1}{4}$  lb. Package, 10c.

If sent by mail 16 cents per pound extra.

## STRICTLY PURE PARIS GREEN.

For destroying Potato Bugs, etc. In one pound boxes.

## STRICTLY PURE LONDON PURPLE.

For destroying Potato Bugs, spraying Trees, Bushes, etc. More soluble in water than Paris Green. In one pound boxes.

## TROWBRIDGE'S GRAFTING WAX.

This is a standard brand of grafting wax and is highly recommended by all who have used it. Put up in convenient packages of 1 lb.,  $\frac{1}{2}$  lb. and  $\frac{1}{4}$  lb. 1 lb. package, 25c.;  $\frac{1}{2}$  lb. package, 15c.;  $\frac{1}{4}$  lb. package, 10c. If sent by mail, 16 cents per pound extra.

## COPPER SULPHATE.

For Making Bordeaux Mixture.

Price Per Pound, 8 Cents.

## PREPARED LIME.

For Making Bordeaux Mixture.

Price Per Pound, 2 Cents.

Price Per 100 Pound Bag, \$1.00.

## WHALE OIL SOAP.

Makes an excellent wash for Trees, Rose Bushes and Plants; destroys Insects and their eggs.

Price Per Pound, 15 Cents.

# BUG DEATH.



Pat. March 16 and Nov. 9, 1897.

Pat. in Canada Nov. 2, 1897.

**This Insecticide and Plant Food Combined** has been on the market for six years, and its sales have shown a large increase each year. We can say to our customers that we give Bug Death our fullest endorsement. While the first cost to kill the bugs on an acre of potatoes is rather more than the arsenical insecticides, the results at harvesting time are entirely satisfactory, and where practical tests have been made, the extra yield of marketable potatoes has more than paid the entire expense. It is **non-poisonous**, which makes it perfectly safe to use on all plants or vines.

**Very Beneficial Results** are obtained by using Bordeaux Mixture in connection with Bug Death, and they can be mixed and sprayed on the vines at the same time, with any of the spraying machines on the market for that purpose. **Bug Death prevents blight.**

**Use Bug Death** for your fruit trees. It kills the insect pests, protects the trees, promotes their vigorous growth, gives freedom to the bees, and insures quality and quantity of fruit.

**No other agent can do this.** Bug Death must be the reliance of the fruit grower, who by spraying seeks after perfect fruit.

**Bug Death costs you nothing.** The increased yield and improved quality more than pays the expense. A perfectly sure, safe and effective insecticide.

Bug Death kills the potato, squash and cucumber bug, currant and tomato worm, also other plant and vine eating pests.

## Directions for Applying Dry.

For potato and other vines, which require a top application, apply dry with Perfection Shaker at the rate of  $12\frac{1}{2}$  pounds or more per acre to an application, according to size and condition of the vines.

## Directions for Using in Water for One Acre.

Add to  $12\frac{1}{2}$  pounds of Bug Death, 80 gallons of water; mix thoroughly; spray on vines with any of the various sprayers that are on the market. We prefer a barrel sprayer that is fitted with an agitator, otherwise solution must be frequently stirred so that Bug Death is held in suspension. Spray vines thoroughly.

## Directions for Using with Bordeaux for One Acre.

Thoroughly dissolve eight pounds copper sulphate (blue vitrol) in 40 gallons water, add  $12\frac{1}{2}$  pounds Bug Death; dissolve eight pounds fresh lime in 40 gallons water; when cool add to above mixture, stir thoroughly, and apply to vines same as when using Bug Death only. The above formulae has given the very best of satisfaction in experiments made by practical farmers.

## PRICE LIST.

One Pound Package .....	\$ .15	Twelve and One-half Pound Package..	\$1.00
Three Pound Package .....	\$ .35	One Hundred Pound Package.....	\$7.00
Five Pound Package .....	\$ .50	Perfection Shaker .....	\$ .65



# English Bug Compound.

## A BUG KILLING WONDER.

A safe, sure and cheap insecticide for destroying the pests, which attack Potato Vines, Cabbages, Squash, Cucumber, Melons, Tobacco, Currant, Rose Bushes (Chafer), Pear, Cherry, Plum, or Quince Slug, Grapevine Flea Beetle, Raspberry, Gooseberry, Small Shrubs, or for killing any coleopterous Bug whatever.

English Bug Compound kills every coleopterous insect known. It is a combination of chemical poison and fertilizers, mechanically incorporated in a manner that prevents loss of strength by evaporation or by age. It is a dark, gray colored, flour fine powder and its application to the afflicted plant, kills the bugs at once and promotes the growth when the insects are destroyed.

It is an established fact that a Paris Green water mixture produces a lifeless, soggy potato; while the use of English Bug Compound (at a great ultimate saving) brings forth a healthy, hardy, nutritious vegetable. The smallest grain acts as a deadly poison to the bugs and is food and drink to the vine. The extreme fineness allows a most thorough distribution and the smallest quantity will spread itself over a large space.

Send for circular showing testimonials from some of the prominent farmers who have used English Bug Compound. We sold a carload of these goods last year and found them very satisfactory. English Bug Compound does not burn or injure the vines, and is sure death to the bugs.

**Price, 4c per pound.**

## KNOX=EM=ALL

### FLY OIL. THE BEST THING ON THE MARKET.

For ridding Horses and Cattle of flies and all insect pests. And Poultry of lice and mites. Gad flies will not work on Sheep and they will not have Grub in the head. Inoffensive and harmless to persons and stock. Deadly to flies and lice. One hundred per cent. more lasting in effect than other kinds.

Contains no fish oil or other objectionable ingredient. Can be used freely on Cows' Bags without inconvenience to milker or injury to the milk.

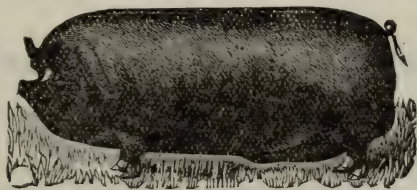
Cows give more milk and pay \$8 to \$10 per head more during the season at a cost of about 50 cents per cow. It can be used on horses without gumming or otherwise injuring the hair, and affords instant relief, making them thrive and drive better.

Directions:—For flies apply freely with a good sprayer. For lice spray the roosts, nests, and all places where vermin find lodgment, including the poultry when on the roosts.

**Price, per gallon, 60 cents.**



## Breeder of Choice Berkshires.



Write for Price, Pedigree and Full Description.

## J. A. DUNNING,

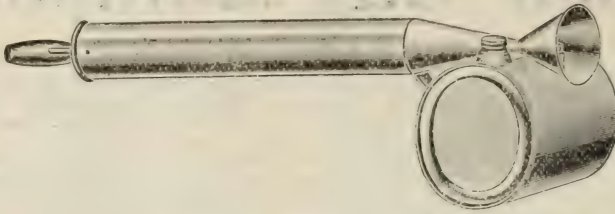
No. 54 Broad Street,

-

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Bangor, Maine.

## CYCLONE SPRAY PUMP.



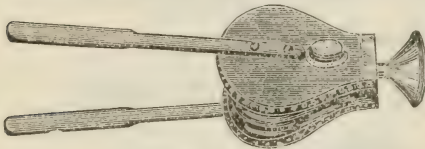
A MARVELOUS INSECT EXTERMINATOR.

Throws a spray as fine as mist and is, therefore, more effectual than any other spray pump and uses about one-tenth the liquid. Very useful about plants, vegetables, shrubs, etc. Also a valuable addition to the hen house for spraying the walls and roosts for lice.

**Price, 50 Cents.**

## Acme Dry Powder Gun.

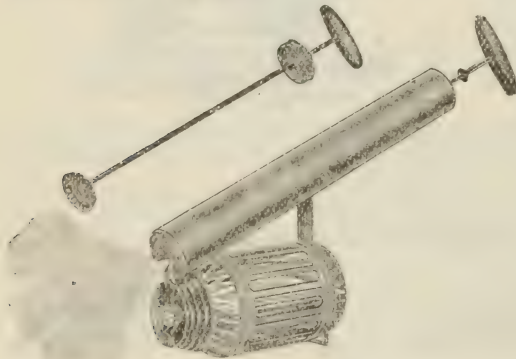
A Simple, Practical Implement for the Extermination of Potato Bugs and all Kinds of Insects, Flies, etc. The Pest of Every House and Garden.



It will handle all insecticides in the dry state—Pure Paris Green, Hellebore, Insect Powder, etc. It is very effective in the destruction of Potato Bugs, Currant Worms and all like pests and for the wholesale destruction of house flies cannot be excelled.

**Price, 75 Cents.**

## DOUBLE TUBE LIGHTNING INSECT EXTERMINATOR

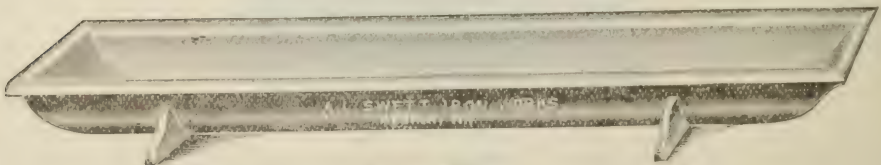


**With Glass Reservoir.**

This sprayer is the result of vast experience in this line. It is a perfect machine and being made of glass, handsomely encased, is the end of the law for durability; cannot rust out. The glass reservoir is detachable and is patterned after the Mason fruit can, and is interchangeable with it, making it easy to replace in case of accident.

**Price, 60 Cents.**

## Cast Iron Pig Trough.

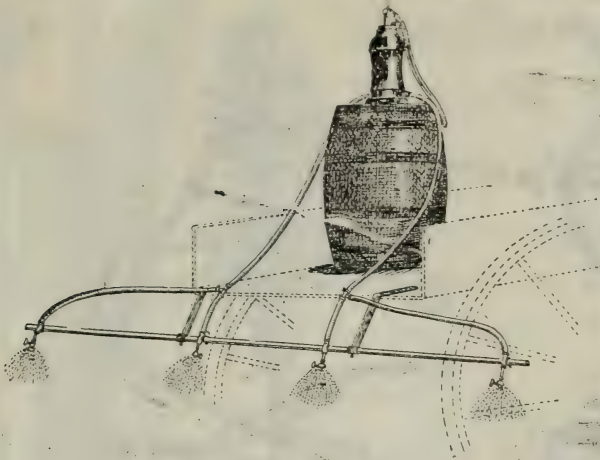


**PRICES.**

Three Feet Long, Twelve Inches Wide .....	\$3.00
Four Feet Long, Twelve Inches Wide .....	\$4.00



# PERFECTION SPRAYER.



The most practical potato sprayer ever put on the market; it can be attached to any wagon, is very simple in construction and durable, nothing about it to get out of order.

This sprayer was got up to meet the demand for a practical and efficient sprayer at a low price. The power sprayers that have been put on the market during the last few seasons have proved very unsatisfactory, and at a price that is much more than the average farmer is willing to pay.

This sprayer can be readily adjusted to rows any width apart, the liquid is conducted from the pump by two lines of rubber hose, making the pressure on the nozzles uniform, thereby insuring a perfect spray from all of the nozzles at once.

This sprayer is fitted throughout with brass connections, and high pressure rubber hose, the liquid not coming in contact with the iron pipe in any way.

In a great many of the sprayers that are put on the market, the liquid is conducted to the spray nozzle through iron pipe, the action of the Bordeaux Mixture on this pipe soon corrodes it causing the pipe to clog and become unfit for use.

The pump is of large size, strongly constructed, and very powerful, it is also very easy working, one man can easily drive the team and work the pump.

This sprayer is always ready to do the work when wanted, it has no complicated parts to get out of order. It is sure, effective and cheap, and is so simple in construction that a child can understand it.

The pump has a dasher agitator which keeps the liquid thoroughly mixed, and is fitted to attach to the head of any oil or kerosene barrel, no extra charge made for fitting to side of barrel, if so ordered, all sprayers fitted with the genuine Vermorel Nozzles, as we consider them to be far superior. We can, however, furnish them fitted with the Bordeaux Nozzles, if so desired.

Every sprayer guaranteed to give perfect satisfaction. We do not furnish barrel with sprayer as they can be obtained nearer home at quite a saving in freight charges.

## PRICES.

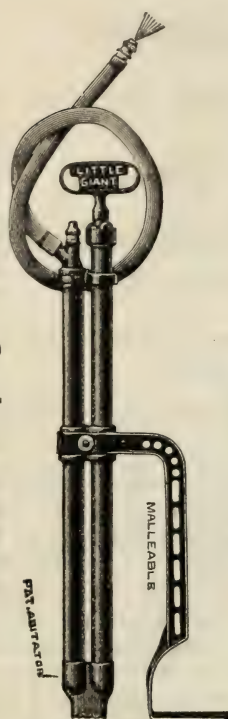
Perfection Two Row Sprayer, \$12.00.

Perfection Four Row Sprayer, \$15.00.

# SPRAY PUMPS.

For Spraying Fruit  
Trees, Shrubs, Etc.

Half inch Hose, any length, 10 Cents Per Foot.  
Brass Hose Couplings, 15 Cents Each.

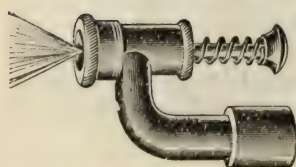


**LITTLE GIANT**

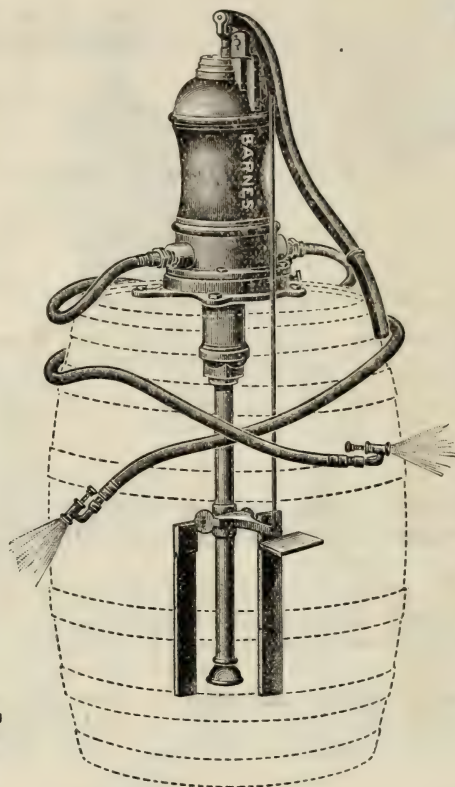
**Bucket Spray Pump**

This Pump is constructed of brass, rendering it non-corrosible when used with any of the poison formulas. The pump will be found useful for a great variety of purposes. Aside from being used for all kinds of spraying on a small scale, it is used for general purposes, such as washing vehicles, windows, etc.

**Price, \$3.00.**



**IMPROVED VERMOREL NOZZLE,**  
with Degorger. Price, 75c.



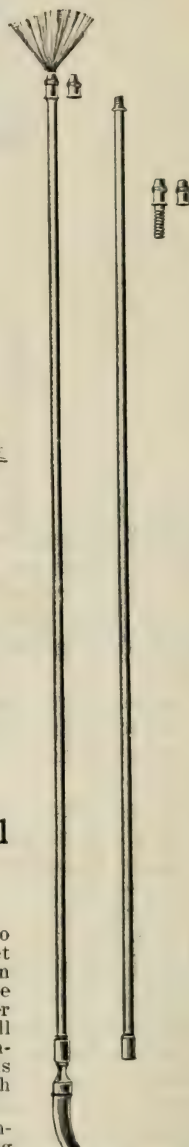
**Barnes' New Improved Barrel  
Spray Pump.**

This Pump is double acting, and has no stuffing-boxes or other intricate parts to get out of order. All working parts coming in contact with the liquid are brass. The body of the pump is a large air chamber and after the pump is under pressure it will discharge a steady spray lasting two minutes with one stroke of the handle, thus making it easy to operate. Fitted with either jet or paddle agitator.

These Spray Pumps have proven themselves a decided success for whitewashing and are worth more than their cost for this purpose in whitewashing factories, cellars, fences, chicken houses, etc.

Complete except barrel, consisting of pump, 5 feet of  $\frac{1}{2}$  inch 3-ply hose. One Vermorel spray nozzle.

**PRICE, \$8.00.**



**Pipe Extension: Price 5 foot sections, 50 Cents.**



**BORDEAUX SPRAY AND SOLID  
STREAM NOZZLE. Price, 75c.**





## DOUGLAS

### Bolt-Fastened Revolving Stand Cistern Pump.

With Patent Adjustable Ears and  
Brass Valve Seat.

For Lifting Water 25 Feet or Less.

This cut represents a very popular style of cistern pump which has been on the market for over fifty years. The cut shows a very important improvement that has lately been added, and that is the manner of securing the cylinder to the base by means of the adjustable ears and two bolts.

The old style, with ears cast on the cylinder, is liable to be broken by screwing the cylinder down to its place, thus causing a total loss of the cylinder. This pump has a brass valve seat and is complete in every respect.

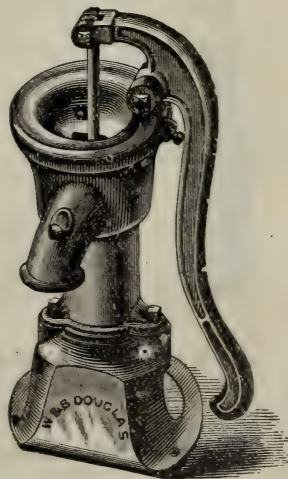
Adapted for either iron or lead pipe.

Size.	Bore.	Pipe.	Manuf'r's R.B.D. & Co.'s	
			Price.	Price.
No. 1.	2¼ in.	1 in. ....	\$4.00	\$2.25
No. 2.	2½ in.	1 or 1¼ in. .	\$4.50	\$2.50
No. 3.	2¾ in.	1¼ or 1½ in.	\$5.00	\$2.75

## Douglas Pitcher-Top Cistern Pump.

This is a very simple and perfect pump, all parts being readily seen and repaired by the most inexperienced hand. For any height under 25 feet, the pitcher style will raise a greater quantity of water in a given length of time, with the same power applied, than any other model of pump in use. This pump is adapted for right or left hand use, and has brass valve seat. Fitted for either iron or lead pipe.

Size.	Bore.	Pipe.	Manuf'r's R.B.D. & Co.'s	
			Price.	Price.
No. 1.	2½ in.	1 in. ....	\$4.25	\$2.00
No. 2.	3 in.	1 or 1¼ in. .	\$4.75	\$2.25
No. 3.	3½ in.	1¼ or 1½ in.	\$5.25	\$2.50

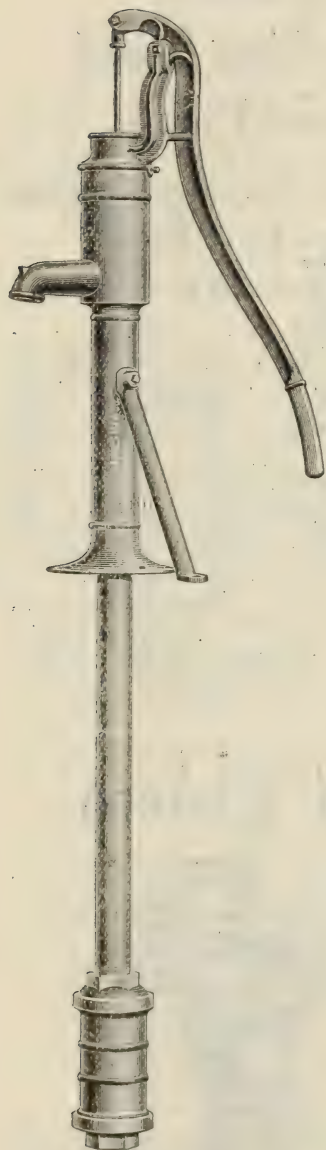


# BARNES'

## Extra Heavy Stock Pump

With Wrought Iron Set  
Lengths.

Anti-Freezing.



This represents an Extra Heavy Lift Pump which is especially adapted for stock purposes where large quantities of water are required from shallow wells. The handle is extra long and all parts of the pump are extra heavy. The spout has full 2-inch opening and the chamber or reservoir is large, thus causing practically a steady flow of water. The size of the plunger rod is  $\frac{1}{2}$  inch. It is built throughout to stand heavy service. All parts are lettered and numbered, thus avoiding errors in ordering repairs.

	Manuf'r's Price.	R.B.D. & Co.'s Price.
No. 6.— $3\frac{1}{2}$ inch Brass Lined Cylinder, $1\frac{1}{2}$ inch Suction Pipe....	\$12.00	\$ 9.00
No. 8.—4 inch Brass Lined Cylinder, 2 inch Suction Pipe....	\$15.00	\$11.00
No. 10.—5 inch Brass Lined Cylinder, $2\frac{1}{2}$ inch Suction Pipe....	\$18.00	\$13.00

Send for our special catalogue of Windmills, Pumps, Water Supplies, Pipe, Pipe Fittings, Etc.



# Cucumber Wood Pumps.

In the manufacture of these none but the very best of material is used. Every pump is warranted to give perfect satisfaction.

## PRICE LIST.

Porcelain Lined. Made from 6x6 inch stock,  $3\frac{1}{2}$  inch bore, for general use.

	Manuf'r's Price.	R.B.D. & Co.'s Price.
6 feet long .....	\$ 7.00	\$3.85
7 feet long .....	\$ 7.50	\$4.10
8 feet long .....	\$ 8.00	\$4.40
10 feet long .....	\$ 9.00	\$5.00
12 feet long .....	\$10.00	\$5.50
14 feet long .....	\$11.00	\$6.00

## UNLINED.

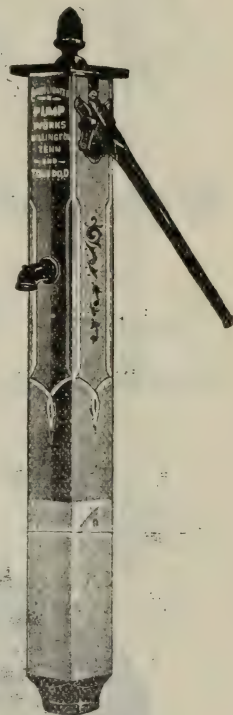
7 feet long .....	\$ 6.00	\$3.30
8 feet long .....	\$ 6.50	\$3.60
4x4 in. pipe for above pumps, per ft. \$	.20	\$ .12
Couplings and bands .....	\$ .50	\$ .30

## LARGE STOCK PUMP.

Porcelain Lined. 8x8 inch stock,  $4\frac{1}{2}$  inch bore.

	Manuf'r's Price.	R.B.D. & Co.'s Price.
7 feet long .....	\$11.50	\$6.90
8 feet long .....	\$12.50	\$7.50
5x5 inch pipe for pumps, per ft. \$	.40	\$ .25
Couplings and bands .....	\$ .60	\$ .36

Prices on extra length Pumps for deep wells furnished on application.



# Hydraulic Ram.

For Supplying Dwellings, Factories, Stock Yards, Etc., with Running Water.

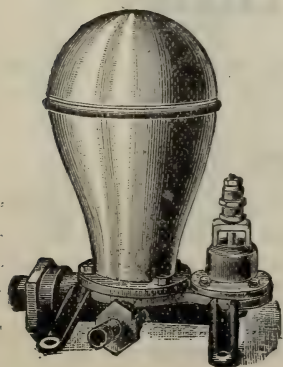
N. B.—Length of the drive or supply pipe should not be less than three-quarters of the height to which the water is to be raised, or five times the height of supply; it may, however, be longer.

## SIZES AND PRICES.

—Calibre of Pipes—

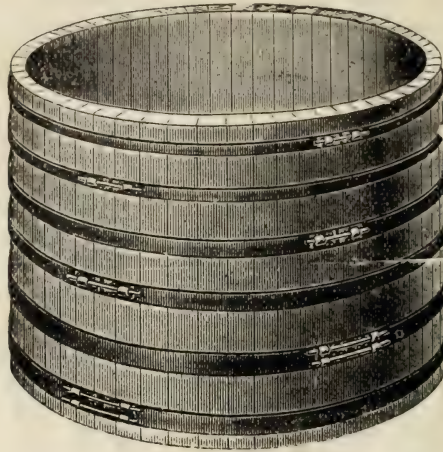
No.	Drive Inches.	Discharge Inches.	Price.
2	$\frac{3}{4}$	$\frac{3}{8}$	\$ 9.00
3	1	$\frac{3}{8}$	\$ 11.00
4	$1\frac{1}{2}$	$\frac{3}{4}$	\$ 14.00
5	2	1	\$ 22.00
6	$2\frac{1}{2}$	$1\frac{1}{4}$	\$ 40.00
7	4	2	\$ 75.00
8	6	$2\frac{1}{2}$	\$125.00

Send for Catalogue of Pumps, Windmills, Etc.



# ROUND TANKS

Cypress  
and  
White Pine  
  
Fitted With  
Patent Draw Lugs.



Made of  
Two - Inch  
Lumber.

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leak if properly  
set up.

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## The "Globe" Rubber Bucket Chain Pump.

These Pumps are constructed in the most thorough manner and of the best material obtainable.

### PRICE LIST.

Globe Pump Curbs.....	\$2.00
Chain Pump Tubing, per ft.....	\$.05
Galvanized Pump Chain, per ft.....	\$.04
Rubber Buckets, per set of three.....	\$.45

In wells 20 ft. deep, or over, it is better to use four rubber buckets instead of three.





Garden and Steam  
Hose.



Elbow.



Coupling.



Tee.



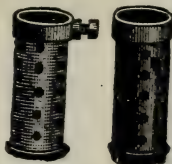
Cross.



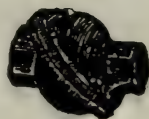
Brass Bibb



Brass Hose Nozzle.



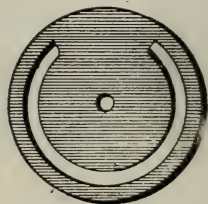
Gauze Covered  
Strainers.



Horizontal  
Check Valve.



Vertical  
Check Valve.



Pump Leather.



Pump  
Plunger.



House Pumps.



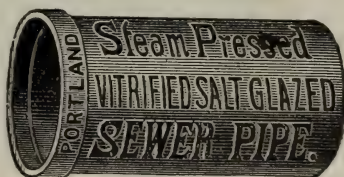
Drive  
Well Points.



Pump  
Cylinder.



Radiators.

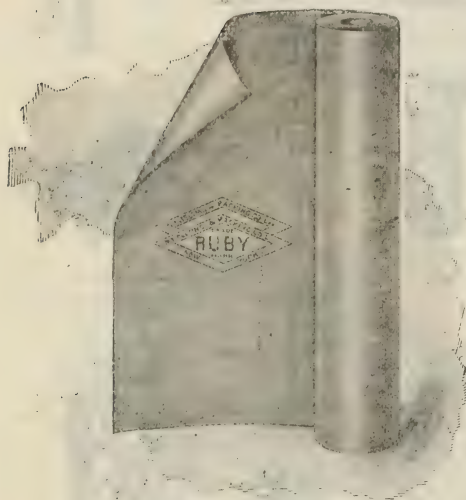


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Send for our Special Catalogue of Windmills, Pumps, Water Supplies,  
Pipe and Pipe Fittings.



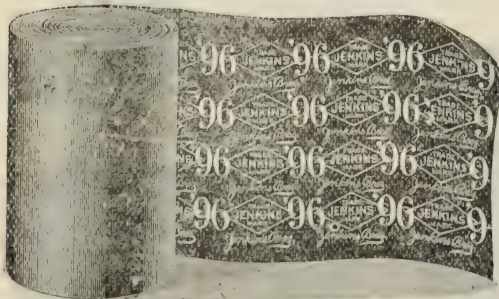
For Steam Joints, Hand Holes and Man Holes.



Ruby Sheet Packing.



Rubber Belting.



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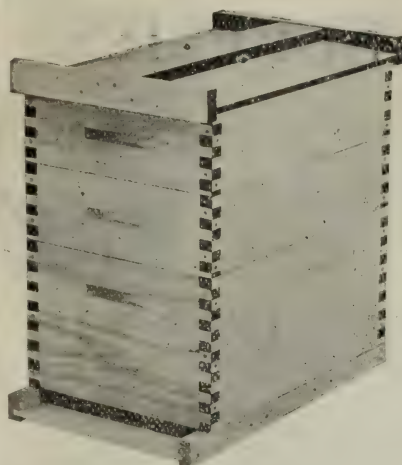
Garlock Spiral Piston Packing.

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Rainbow Sheet Packing, Cloth Inserted Sheet Packing, Square Braided Flax Packing, Steam Whistles, Steam Gages, Fairbanks' Valves, Jenkins' Bros.' Valves, Injectors, Lubricators, Oil Cups, Water Gages, Etc.

Everything in the line of Engine and Boiler Trimmings, Steam Fitters' Tools, Pipe, Pipe Fittings, etc. Write for Prices.





## BEE KEEPERS' SUPPLIES.

### The Dovetailed Hive.

The Dovetailed Hive is taking the lead of the single walled hives, as it contains many of the most desirable features of the various hives for the rapid handling of bees and is one of the cheapest hives manufactured.

It is dovetailed together as shown in cut and that is what gives it its name.

We carry these hives in both eight and ten frame, fitted with two supers. Write for Prices.

### One Piece Section-Honey Boxes.

These sections are made from selected white basswood and are sand papered and rubbed to a smooth, high polish. We carry nothing but No. 1 sections in stock and are put up in boxes containing 500 each.

Size  $4\frac{1}{4} \times 4\frac{1}{4}$ , width  $1\frac{7}{8}$  inches, and  $\frac{1}{8}$  in. thick.

Size  $4\frac{1}{4} \times 4\frac{1}{4}$ , width  $1\frac{1}{2}$  inches, and  $\frac{1}{8}$  in. thick.

Size  $3\frac{3}{8} \times 5$ , width  $1\frac{1}{2}$  inches, and  $\frac{1}{8}$  in. thick.

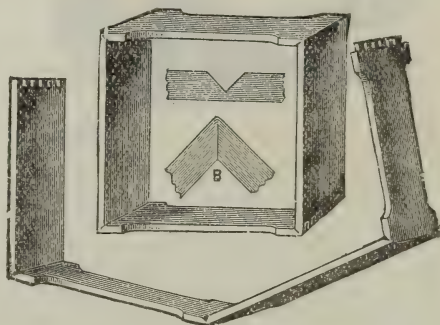
Size  $4 \times 5$ , width  $1\frac{1}{2}$  inches, and  $\frac{1}{8}$  in. thick.

#### PRICE LIST.

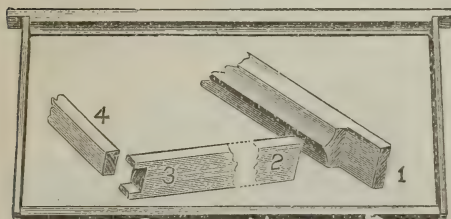
Per 100 .....\$ .75.

Per 500 .....\$2.75.

Per 1,000 .....\$5.25.



### Brood Frames. Thick-Top Frames.



As thick-top frames practically prevent the building of burr combs, frames with a thick top bar are almost universally used. This frame has a top bar  $\frac{7}{8}$  inch thick including the comb guide, which is moulded out solid from a piece  $\frac{7}{8}$  inch thick. This leaves the top bar  $\frac{3}{8}$  inch thick on the side. The width of top bars is  $1\frac{1}{8}$  inches. The end bars are  $1 \times \frac{1}{4}$  inch. The bottom bar is  $\frac{1}{4} \times \frac{3}{4}$  inch. The projections on top bar are narrowed to  $\frac{3}{4}$  inch in width to allow more room for taking hold of frame.

Prices not set up.

Per lot of 10.....\$ .35.

Per lot of 100.....\$3.00.

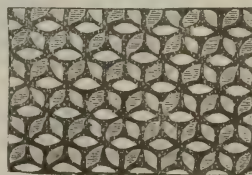
## COMB FOUNDATION.

This foundation is made from the best grade of pure beeswax and before being made into foundation is entirely cleansed of all foreign substances.

#### Prices

Standard Brood. .60c. per lb. Light Section. .68c. per lb.

If foundation is wanted by mail, add 25 cents per pound for postage.



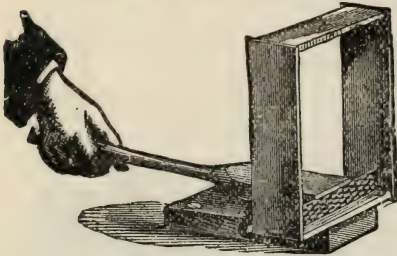
# BEE KEEPERS' SUPPLIES.

## FIVE BAR BEE VEIL.

Has five cross bars riveted through the center at the top. These button to studs on the neckband. The bars are light spring steel, the neckband is of hard spring brass and the cover is of handsome, light material. It is very easily put together—no trouble to put on or take off. It protects against mosquitoes, flies, bees, gnats, etc. The veil weighs only five ounces. Price, \$1.00.



## Parker's Machine for Fastening Starters in Section Boxes.



Fasten machine to table with screws that are sent with it. Dampen the under side of point of lever with honey or water to prevent its sticking to the foundation. Place section in position with strip of foundation just under the end of lever; press lever down on foundation by lifting handle, turn foundation up against end of lever and slide lever off of foundation by lifting on handle and drawing it backward, which fastens the foundation to section.

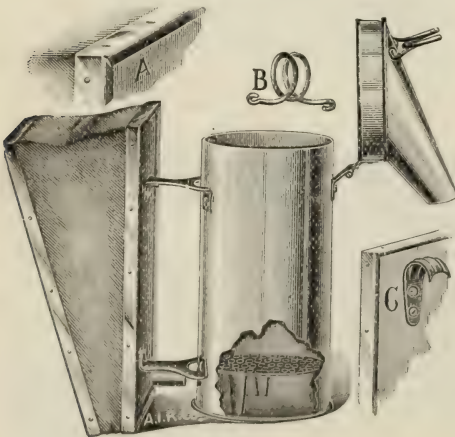
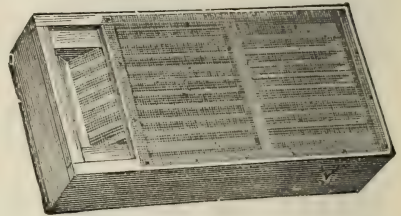
Price for  $4\frac{1}{4} \times 4\frac{1}{4}$  section...30 cents.

By mail .....45 cents.

## PAGE FEEDER.

One of the best feeders for feeding over the brood nest. It is made from a solid block of wood and is covered with wire cloth. It has a bee space under bottom and also at top between wire cloth and top of partitions. Bees cannot escape while feeder is being filled. A small hole cut in mat and feeder set over same will be found a convenient way of using it, but it can be used in many ways.

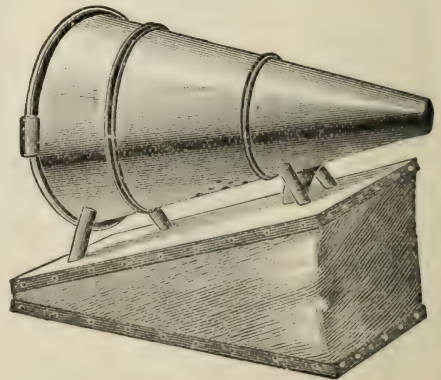
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## Corneil Smoker.

Price, 90c each.

By mail, \$1.15 each.



## Clark's Cold Blast Smoker.

Price, 60c.

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We also carry the Cleated Separators or Fences for the  $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{2}$  inch plain section boxes and for the  $3\frac{5}{8} \times 5 \times 1\frac{1}{2}$  inch plain section boxes.



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Buckwheat	48	Orchard Grass	14	Flour, per bbl., 196 lbs.	
Blue Grass, Kentucky	14	Onions	14	Salt, per bbl., 280 lbs.	
Blue Grass, English	24	Peas, Smooth	60	Lbs. per Cubic Feet.	
Clover Seed	60	Peas, Wrinkled	56	Hay, well settled	4½
Corn shelled	56	Potatoes (heaping measure)	60	Corn, on cob, in bin	22
Corn on ear	70	Rye	56	Corn shelled, in bin	45
Corn Meal	50	Red Top	10	Wheat, in bin	48
Charcoal	22	Salt, Coarse	70	Oats, in bin	25½
Fowl Meadow	10	Salt, Michigan	60	Potatoes, in bin	38½



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